

Getting Started With Meteor Js Javascript Framework Strack Isaac

Practical Node.js Building Isomorphic JavaScript Apps Getting Started with Meteor JavaScript Framework Getting Started with Meteor. Js JavaScript Framework - Second Edition Building APIs with Node.js Mastering MeteorJS Application Development Instant Meteor JavaScript Framework Starter Meteor in Action Getting to Know Vue.js Building Enterprise JavaScript Applications Less Web Development Essentials Meteor Cookbook Meteor: Full-Stack Web Application Development Meteor: Full-Stack Web Application Development Pro Express.js Mastering JavaScript Single Page Application Development Meteor Design Patterns JavaScript Frameworks for Modern Web Development Learning Node.js Learn Meteor - Node.js and MongoDB JavaScript platform Getting Started with Angular Getting Started with Meteor.js JavaScript Framework Web Development with MongoDB and NodeJS Getting Started with Meteor JavaScript Framework HTML5 Data and Services Cookbook NGINX Cookbook Socket.IO Cookbook Socket. IO Real-Time Web Application Development Svelte and Sapper in Action Building Node Applications with MongoDB and Backbone Building Single-page Web Apps with Meteor Vue.js 2 Web Development Projects Getting Started with Meteor.js JavaScript Framework Mastering MeteorJS Application Development Building Single-page Web Apps with Meteor Web Development with MongoDB and Node - Third Edition Build Applications with Meteor Meteor Design Patterns From Containers to Kubernetes with Node.js WebStorm Essentials

Practical Node.js

Accelerate your code writing skills with over twenty programming patterns that will make your code easier to maintain and scale About This Book Optimize your web application for production use Build views and controllers with minimal effort that will evolve with your application Learn how to maintain a MeteorJS project while it is running in production Who This Book Is For This book is for developers who have already had an introductory course with Meteor. Basic knowledge of web development is recommended. What You Will Learn Use of Jade, Stylus, and CoffeeScript to speed up web development Increase productivity by leveraging the best packages in the community Optimize your site for load speed with advanced publishers and subscribers Leverage the aggregation framework to produce results with big data Master the intricacies of front-end development using Jeet, Bootstrap, CSS animations, and more Optimize your site for search engine visibility Secure your site with Meteor's best practices Track the live status of your application, ensuring all errors have been taken care of In Detail With the increasing interest in NodeJS web applications, a new framework, Meteor, has joined the ranks to simplify developer workflows. Meteor is one of the few open source frameworks that has received funding since its early development stages. It builds on ideas from existing frameworks and libraries, offering developers an easy way to develop a prototype app. At the same time, it gives them the tools and flexibility to build a fully fledged production app. Meteor is the weapon of choice for start-ups in today's world. Meteor Design Patterns cuts through the jargon that most websites play with and gets to the point with simple solutions that will boost your development skills. We start off with a refresher on the

basics of JavaScript programming such as templates, CoffeeScript, the Event Loop, and the Merge Box, amongst others. You then learn how to map real-world data and optimize the data's publishers to output data with the least amount of work done by the server with some subscribe and publish patterns. Next, using front-end patterns, you will learn how to create maintainable and trackable forms, and make our site crawlable by any search engine. Following this, you will see how to optimize and secure the web application and maintain applications without breaking other features. Finally, you will learn how to deploy a secure production-ready application while learning to set up modulus, compose with Oplog tracking and SSL certificates, as well as error tracking with Kadir. Throughout the book, you will put your skills to practice and build an online shop from scratch. By the end of the book, you will have built a feature-rich online shop. Style and approach The book is a practical handbook on how to build an e-commerce web app using Meteor. Every topic ties into the webapp to easily illustrate the concepts that you are learning about.

Building Isomorphic JavaScript Apps

If you are a web developer with basic knowledge of JavaScript and want to take on Web 2.0, build real-time applications, or simply want to write a complete application using only JavaScript and HTML/CSS, this is the book for you. This book is based on Meteor 1.0.

Getting Started with Meteor JavaScript Framework

A practical book on real-world NGINX deployments to get you up and running quickly. About This Book Be the first to immerse yourself in the NGINX 1.9x web server and explore the plethora of advanced features. Master the skills of load balancing TCP-based applications and implementing HTTP/2. A recipe-based approach book that provides you with up-to-date information on NGINX, allowing you to implement specific use cases immediately. Who This Book Is For This book is aimed at smaller-to-medium developers, who are just getting started with NGINX. It assumes they already understand the basics of how a web server works and how basic networking works. What You Will Learn Practical, real-world examples and recipes on how to use NGINX Common CMS deployments such as WordPress, Joomla and more NGINX configurations for frameworks such as Ruby on Rails, Django and more Detailed SSL recipes, including HTTP/2 Real world rewrite examples Basic web and TCP load balancing configuration Bandwidth management and connection limiting Detailed NGINX deployment scenarios with Docker Performance tuning and monitoring of your NGINX deployments OpenResty deployment guides Advanced deployments with NGINX Plus features In Detail NGINX Cookbook covers the basics of configuring NGINX as a web server for use with common web frameworks such as WordPress and Ruby on Rails, through to utilization as a reverse proxy. Designed as a go-to reference guide, this book will give you practical answers based on real-world deployments to get you up and running quickly. Recipes have also been provided for multiple SSL configurations, different

logging scenarios, practical rewrites, and multiple load balancing scenarios. Advanced topics include covering bandwidth management, Docker container usage, performance tuning, OpenResty, and the NGINX Plus commercial features. By the time you've read this book, you will be able to adapt and use a wide variety of NGINX implementations to solve any problems you have.

Getting Started with Meteor. Js JavaScript Framework - Second Edition

Accelerate your code writing skills with over twenty programming patterns that will make your code easier to maintain and scale About This Book Optimize your web application for production use Build views and controllers with minimal effort that will evolve with your application Learn how to maintain a MeteorJS project while it is running in production Who This Book Is For This book is for developers who have already had an introductory course with Meteor. Basic knowledge of web development is recommended. What You Will Learn Use of Jade, Stylus, and CoffeeScript to speed up web development Increase productivity by leveraging the best packages in the community Optimize your site for load speed with advanced publishers and subscribers Leverage the aggregation framework to produce results with big data Master the intricacies of front-end development using Jeet, Bootstrap, CSS animations, and more Optimize your site for search engine visibility Secure your site with Meteor's best practices Track the live status of your application, ensuring all errors have been taken care of In Detail With the increasing interest in NodeJS web applications, a new framework, Meteor, has joined the ranks to simplify developer workflows. Meteor is one of the few open source frameworks that has received funding since its early development stages. It builds on ideas from existing frameworks and libraries, offering developers an easy way to develop a prototype app. At the same time, it gives them the tools and flexibility to build a fully fledged production app. Meteor is the weapon of choice for start-ups in today's world. Meteor Design Patterns cuts through the jargon that most websites play with and gets to the point with simple solutions that will boost your development skills. We start off with a refresher on the basics of JavaScript programming such as templates, CoffeeScript, the Event Loop, and the Merge Box, amongst others. You then learn how to map real-world data and optimize the data's publishers to output data with the least amount of work done by the server with some subscribe and publish patterns. Next, using front-end patterns, you will learn how to create maintainable and trackable forms, and make our site crawlable by any search engine. Following this, you will see how to optimize and secure the web application and maintain applications without breaking other features. Finally, you will learn how to deploy a secure production-ready application while learning to set up modulus, compose with Oplog tracking and SSL certificates, as well as error tracking with Kadir. Throughout the book, you will put your skills to practice and build an online shop from scratch. By the end of the book, you will have built a feature-rich online shop. Style and approach The book is a practical handbook on how to build an e-commerce web app using Meteor. Every topic ties into the webapp to easily illustrate the concepts that you are learning about.

Building APIs with Node.js

Written in an engaging, easy-to-follow style, "Getting Started with Meteor" is a practical guide for developing modern web applications with Meteor. This book is for developers or students who have a working knowledge of JavaScript and HTML, and want to learn how to quickly develop web applications using pure JavaScript. A basic understanding of traditional web server development and database methodologies will be helpful, but not necessary. Readers are expected to know how to program basic HTML pages and JavaScript functions, and be familiar with Terminal (basic Shell) commands.

Mastering MeteorJS Application Development

Written in an engaging, easy-to-follow style, "Getting Started with Meteor" is a practical guide for developing modern web applications with Meteor. This book is for developers or students who have a working knowledge of JavaScript and HTML, and want to learn how to quickly develop web applications using pure JavaScript. A basic understanding of traditional web server development and database methodologies will be helpful, but not necessary. Readers are expected to know how to program basic HTML pages and JavaScript functions, and be familiar with Terminal (basic Shell) commands.

Instant Meteor JavaScript Framework Starter

Over 40 recipes to help you create real-time JavaScript applications using the robust Socket.IO framework About This Book Create secure WebSocket connections and real-time mobile applications using Socket.IO Devise efficient messaging systems between the server side and the client side A step-by-step implementation guide to help you create elements of Socket.IO application Who This Book Is For If you have some knowledge of JavaScript and Node.js and want to create awe-inspiring application experiences using real time communication, then this book is for you. Developers with knowledge of other scripting languages should also be able to easily follow along. What You Will Learn Build rich and interactive real-time dashboards using Socket.IO to pipe in data as it becomes available Design chat and multiple-person interfaces that leverage Socket.IO for communication Segment conversations to rooms and namespaces so that every socket doesn't have to receive every message Secure your data by implementing various authentication techniques, locking down the HTTP referrer and using secure WebSockets Load balance across multiple server-side nodes and keep your WebSockets in sync using Redis, RabbitMQ or Memcached Stream binary data such as audio and video in real-time over a Socket.IO connection Create real-time experiences outside of the browser by integrating Socket.IO with hybrid mobile applications In Detail Socket.IO is a JavaScript library that provides you with the ability to implement real-time analytics, binary streaming, instant messaging, and document collaboration. It has two parts: a client-side library that runs in the browser, and a server-side library for node.js. Socket.IO is event-driven and primarily uses the WebSocket protocol that allows us to emit data bi-

directionally from the server and the client. Socket.IO This book is a complete resource, covering topics from WebSocket security to scaling the server-side of a Socket.IO application and everything in between. This book will provide real-world examples of how secure bi-directional, full-duplex connections that can be created using Socket.IO for different environments. It will also explain how the connection vulnerabilities can be resolved for large numbers of users and huge amounts of data/messages. By the end of the book, you will be a competent Socket.IO developer. With the help of the examples and real-world solutions, you will learn to create fast, scalable, and dynamic real-time apps by creating efficient messaging systems between the server side and the client side using Socket.IO. Style and approach This book is written in a cookbook-style format and provides practical, immediately usable task-based recipes that show you how to create the elements of a Socket.IO application.

Meteor in Action

Build a variety of cross-platform applications with the world's most complete full-stack JavaScript framework— Meteor About This Book Develop a set of real-world applications each exploring different features of Meteor Make your app more appealing by adding reactivity and responsiveness to it Work with the most powerful feature of Meteor—the “full stack reactivity”—through building real-time applications with many third party libraries Who This Book Is For If you are a developer who is looking forward to taking your application development skills with Meteor to next level by getting your hands-on different projects, this book is for you. What You Will Learn See how Meteor fits in the modern web application development by using its reactive data system Make your front-end behave consistently across environments by implementing a predictable state container with Redux Get familiar with React and overview of Angular 2 Add a map to your application with a real-time geolocation Plugin into Meteor social media APIs like Twitter's streaming and Facebook's Messenger Add search functionality from scratch to your existing app and data Add responsiveness with Bootstrap 4 and Google's Material Design using Less and Sass Distribute your data across machines and data centers by adding Apache Cassandra to your existing stack. Learn how to scale your microservices with the high performant language neutral framework gRPC. Learn how to query multiple data sources using GraphQL. In Detail This book starts with the basic installation and overview of the main components in Meteor. You'll get hands-on multiple versatile applications covering a wide range of topics from adding a front-end views with the hottest rendering technology React to implementing a microservices oriented architecture. All the code is written with ES6/7 which is the latest significantly improved JavaScript language. We'll also look at real-time data streaming, server to server data exchange, responsive styles on the front-end, full-text search functionality, and integration of many third-party libraries and APIs using npm. By the end of the book, you'll have the skills to quickly prototype and even launch your next app idea in a matter of days. Style and Approach This book takes an easy-to-follow project-based approach. Each project starts with the goal of what you will learn and an overview the technologies used.

Getting to Know Vue.js

Pro Express.js is for the reader who wants to quickly get up-to-speed with Express.js, the flexible Node.js framework. Author Azat Mardan clearly explains how to start developing with Express.js with a basic 'Hello World', and then delves into a deep API reference, before looking at common and abstract development problems. Lastly, you will learn how to build a series of real-world apps in order to cement your knowledge. In order to get the best from this book, you will be familiar with Node.js scripts and able to install packages using npm. In the deep API reference, each aspect of the Express.js API is explained clearly with a simple exercise to demonstrate its usage. This includes configuration, settings and environments; different middleware and its uses; templating engines; extracting parameters and routing; request and response; error handling; and running an app. In the next part you'll delve into abstraction, streams, authentication, multithreading, Socket.io, security, and more complex modules. You will also learn about smaller frameworks built using Express.js, such as Sails.js, and Derby. Finally you'll build real-world apps including a REST API, Todo App, and Instagram gallery. Express.js is used by a range of well-known companies such as MySpace and Storify, and it's becoming more and more likely that it'll be a required skill for new developers. With this book you can skip learning via complicated documentation, and get the information from a developer who's been using Express.js for long enough to explain things well. Add Pro Express.js to your library today.

Building Enterprise JavaScript Applications

This book is designed to introduce you to using containers and Kubernetes for full-stack development. You'll learn how to develop a full-stack application using Node.js and MongoDB and how to and manage them using Docker, then Docker Compose, and finally Kubernetes.

Less Web Development Essentials

Summary Meteor in Action teaches you full-stack web development using the Meteor platform. It starts with an overview of a Meteor application, revealing the unique nature of Meteor's end-to-end application model. Then you'll dive into the Blaze templating engine, discover Meteor's reactive data sources model, learn simple and advanced routing techniques, and practice managing users, permissions, and roles. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book You might call Meteor a reactive, isomorphic, full-stack web development framework. Or, like most developers who have tried it, you might just call it awesome. Meteor is a JavaScript-based framework for both client and server web and mobile applications. Meteor applications react to changes in data instantly, so you get impossibly responsive user experiences, and the consistent build process, unified front- and back-end package system, and one-command deploys save you time at every step from design to release. Meteor in Action teaches

you full-stack web development with Meteor. It starts by revealing the unique nature of Meteor's end-to-end application model. Through real-world scenarios, you'll dive into the Blaze templating engine, discover Meteor's reactive data sources model, learn routing techniques, and practice managing users, permissions, and roles. Finally, you'll learn how to deploy Meteor on your server and scale efficiently. What's Inside Building your first real-time application Using MongoDB and other reactive data sources Creating applications with Iron Router Deploying and scaling your applications About the Reader Readers need to know the basics of JavaScript and understand general web application design. About the Authors Stephan Hochhaus and Manuel Schoebel are veteran web developers who have worked with Meteor since its infancy. Table of Contents PART 1 LOOK—A SHOOTING STAR! A better way to build apps My fridge! A reactive gamePART 2 3, 2, 1—IMPACT! Working with templates Working with data Fully reactive editing Users, authentications, and permissions Exchanging data Routing using Iron.Router The package system Advanced server methods PART 3 LEAVING THE CRATER Building and debugging Going into production

Meteor Cookbook

Build efficient HTML, CSS and JavaScript applications using the powerful WebStorm IDE About This Book Get to grips with the newest features of WebStorm Use WebStorm to simplify your web development process and improve its efficiency Best practices and cutting-edge technologies for JavaScript development Who This Book Is For If you are a web developer who is new to WebStorm, this is the book for you. Knowledge of languages such as JavaScript, HTML, and CSS is assumed, with a reasonable understanding of frameworks such as AngularJS, Node.js, and Meteor. What You Will Learn Install and configure WebStorm to suit your workflow Develop mobile applications using web technologies with WebStorm Create simple web pages with the help of templates Improve your web development efficiency with WebStorm's built-in features Analyse and debug your code in WebStorm Perform unit testing and debugging in WebStorm to test your applications Get to grips with the latest version of WebStorm (WebStorm 10) to revolutionize your web development experience In Detail JetBrains WebStorm is a commercial and powerful IDE, perfectly equipped for complex client-side development and server-side development with Node.js. It provides first-class support for JavaScript, Node.js, HTML, and CSS. WebStorm is the number one choice for developing web applications due to its advanced features and integration with a plethora of topical technologies such as Meteor and Gulp. This book will be your companion in building high-quality web applications using WebStorm, taking advantage of the newest features of Webstorm 10. You will start with an introduction to the latest features of WebStorm and its interface, followed by learning how to set up a new project with the help of templates. You will then build a web application using AngularJS, ReactJS, Node.js, Express, and Meteor. This book will also show you how to use pioneering HTML5 technologies in mobile application development and package managers, as well as how to build automation tools for your application. Finally, you will discover how to perform debugging, tracing, profiling, and code style checking activities directly in WebStorm, followed by testing your application inside WebStorm, using some of the most

popular testing libraries out there. By the end of this book, you will have a solid understanding of how to develop powerful web applications quickly and easily with WebStorm. Style and approach This book is a hands-on guide to getting to grips with WebStorm, complete with plenty of screenshots and tips. New features are introduced to you with the help of sample applications.

Meteor: Full-Stack Web Application Development

Meteor is one of the most popular development platforms available today, allowing you to create and deploy mobile and web applications in a fraction of the time needed by other JavaScript frameworks. Getting Started with Meteor.js JavaScript Framework Second Edition is an easy to follow, step-by-step approach to learning how to build modern web applications with Meteor. You will begin with a look "under the hood" to see what makes Meteor so special. Next, you will build a complete, working application from scratch, gaining a thorough understanding of Meteor's major features including: data on the wire, web templates, declarative programming, full-stack reactivity, modularity, third-party packages, and MongoDB/NoSQL databases. Finally, you will learn how to harden your app, prepare it for production release, and quickly deploy it using Meteor's public servers or your own custom server. With updated screenshots and code, this second edition will show you exactly why Meteor is the choice for rapid, elegant application development.

Meteor: Full-Stack Web Application Development

Enrich your software design skills and take a guided tour of the wild, vast, and untamed frontier that is JavaScript development. Especially useful for frontend developers, this revision includes specific chapters on React and VueJS, as well as an updated one on Angular. To help you get the most of your new skills, each chapter also has a "further reading" section. This book will serve as an introduction to both new and well established libraries and frameworks, such as Angular, VueJS, React, Grunt, Yeoman, RequireJS, Browserify, Knockout, Kraken, Async.js, Underscore, and Lodash. It also covers utilities that have gained popular traction and support from seasoned developers and tools applicable to the entire development stack, both client- and server-side. While no single book can possibly cover every JavaScript library of value, JavaScript Frameworks for Modern Web Development focuses on incredibly useful libraries and frameworks that production software uses. You will be treated to detailed analyses and sample code for tools that manage dependencies, structure code in a modular fashion, automate repetitive build tasks, create specialized servers, structure client side applications, facilitate horizontal scaling, and interacting with disparate data stores. What You'll Learn Work with a variety of JavaScript frameworks, such as Angular, Vue, React, RequireJS, Knockout, and more Choose the right framework for different types of projects Employ the appropriate libraries and tools in your projects Discover useful JavaScript development tools such as Grunt, Yeoman, Lodash, etc. Who This Book Is For Web developers of all levels of ability; particularly relevant for front-end

developers, server-side coders, and developers interested in learning JavaScript.

Pro Express.js

Written in a practical and concise manner, this book is a crash-course in teaching you the fundamental concepts of Less with real-life examples and problems. If you use CSS(3) in your web development tasks and would love to learn how to create maintainable and reusable code with Less, this book is ideal for you. Although you need to have some experience in web development, even beginners will find that this book is useful.

Mastering JavaScript Single Page Application Development

Isomorphic JavaScript, often described as the holy grail of web application development, refers to running JavaScript code on both the browser client and web application server. This application architecture has become increasingly popular for the benefits of SEO, optimized page load and full control of the UI, and isomorphic libraries are being used at companies like Walmart, Airbnb, Facebook, and Netflix. With this practical book, authors Jason Strimpel and Maxime Najim provide the knowledge you need to build and maintain your own isomorphic JavaScript apps. This book includes: Part 1 identifies different classifications of isomorphic JavaScript apps, and shows you how to set up a development environment Part 2 takes you from theory to practice by showing you how to build out your own isomorphic app Part 3 takes you through existing solutions in the market today, providing you with the knowledge you need to bring isomorphic solutions into your development workflow

Meteor Design Patterns

A practical approach with hands on recipes to learn more about HTML5 Data and Services, its features and techniques when building websites or web applications. This book is for programmers and developers who work with a lot of backend code and want to get fast tracked into the world of HTML5 and Javascript. It is also for JavaScript developers who would like to update their knowledge with new techniques and capabilities made possible with HTML5. Some experience in HTML and jQuery is assumed.

JavaScript Frameworks for Modern Web Development

Build an application from backend to browser with Node.js, and kick open the doors to real-time event programming. With this hands-on book, you'll learn how to create a social network application similar to LinkedIn and Facebook, but with a real-

time twist. And you'll build it with just one programming language: JavaScript. If you're an experienced web developer unfamiliar with JavaScript, the book's first section introduces you to the project's core technologies: Node.js, Backbone.js, and the MongoDB data store. You'll then launch into the project—a highly responsive, highly scalable application—guided by clear explanations and lots of code examples. Learn about key modules in Node.js for building real-time apps Use the Backbone.js framework to write clean browser code, and maintain better data integration with MongoDB Structure project files as a foundation for code that will arrive later Create user accounts and learn how to secure the data Use Backbone.js templates to build the application's UIs, and integrate access control with Node.js Develop a contact list to help users link to and track other accounts Use Socket.io to create real-time chat functionality Extend your UIs to give users up-to-the-minute information

Learning Node.js

Written in an engaging, easy-to-follow style, "Getting Started with Meteor" is a practical guide for developing modern web applications with Meteor. This book is for developers or students who have a working knowledge of JavaScript and HTML, and want to learn how to quickly develop web applications using pure JavaScript. A basic understanding of traditional web server development and database methodologies will be helpful, but not necessary. Readers are expected to know how to program basic HTML pages and JavaScript functions, and be familiar with Terminal (basic Shell) commands.

Learn Meteor - Node.js and MongoDB JavaScript platform

Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. A simple Starter approach to show the readers how to develop a real-time web application using Meteor, with the help of a sample project. This book is ideal for people with knowledge of standard JavaScript, basic HTML, and some CSS. This book starts at the very beginning, from installing the framework on your computer all the way up to deploying your finished app on the Web. If you want to get into this exciting new framework, and you would like to learn how to take a project from being a concept to a real-world app, then this is definitely the book for you.

Getting Started with Angular

You're a developer who knows nothing to Meteor. Which is fine, except that you need to start coding your next application using Meteor. Don't worry: I have you covered. I've been training hundreds of developers like you during 15 years, and converted my experience into this book. I know from experience teaching what takes more time to learn in Meteor, and will spend time only where appropriate. Plus this book is packed with exercises which build up into a full project: you develop a

small e-commerce application. You'll allow users to browse for products, add them to their basket, and you'll also create a full back-end where the site administrators will be able to list, create, modify, and delete products. Read this book, and you can code your Meteor application within a week.

Getting Started with Meteor.js JavaScript Framework

Learn how to render lists of items without repeating your code structure and how to work with conditional rendering items and event handling. Containing all you need to know to get started with Vue.js, this book will take you through using build tools (transpile to ES5), creating custom components, state management, and routers. With Getting to Know Vue.js, you'll see how to combine reusable code with custom components, allowing you to create snippets of reusable code to suit your specific business needs. You'll also explore how to use Single File Components and the Vue.js Command Line Interface (CLI) to build components in a single file and add in build tools as you see fit. Getting started with a new Single Page Application (SPA) JavaScript framework can be an overwhelming task, but Vue.js makes this daunting task simple and easy to learn, allowing you to start implementing business needs with just a script reference to the library and the custom JavaScript required for your use case. Starting with a little reference and a handful of lines of custom JavaScript, you will have a complete Single Page Application before you know it. What You'll Learn Examine Vue.js templating syntax Work with binding methods Manage the state of your app by comparing your options of building a data store Adapt the more robust options compatible with Vue.js Review different router options, including creating your own router, using the Vue-router and using Page.js. Who This Book Is For Software developers with an understanding of HTML, CSS and JavaScript; prior understanding of a Single Page Application framework would be useful but not essential.

Web Development with MongoDB and NodeJS

Learn how to create mobile and full-stack web applications in JavaScript by getting a deeper insight into Meteor About This Book- This step-by-step tutorial will show you how to build fast, complex web applications- Over 65 hands-on recipes help you build and deploy elegant web applications- Optimize your web application for production use Who This Book Is For If you are a web developer who is familiar with Meteor and has basic knowledge of web development, and you now want to explore new paradigms of single-page, real-time applications, this course is perfectly suited for you. What You Will Learn- Secure your site with Meteor best practices- Create reactive templates that update themselves when data changes- Add routing to a single-page application and make it appear like a real website- Make your own Meteor packages and see how to make them public- Rapidly build robust, responsive user interfaces- Publish your own reusable custom packages- Optimize your site for load speed with advanced publishers and subscribers- Master the intricacies of front-end development using Jeet, Bootstrap, CSS animations, and more- Leverage the aggregation framework to produce results with big data- Optimize

your site for search engine visibility. In Detail Meteor is best JavaScript development platform and is packed with collections of libraries and packages bound together in a tidy way to take care of everything from development to production, making your web development easier. This course follows a learning path divided into three modules. Each module is a mini course in its own right, taking your knowledge to a new level as you progress. The first module takes you from the installation of Meteor to building a fully working web blog (including back end) to create and edit posts. Your path will begin with the basic concepts and folder structure of a Meteor project, learning how Meteor templates work to test packages, and seeing the application itself. The second module is a cookbook that starts with simple recipes designed for quick reference, and culminating advanced recipes that walk you through building and deploying a complete application. The cookbook covers all the major areas of Meteor development, including lesser-known and undocumented features too. With all the important concepts covered in the previous modules, the third module will get you equipped with simple solutions to boost your development skills. You'll learn about mapping of real-world data and optimizing it, how to optimize and secure web applications and how to deploy and maintain it without breaking its features. Throughout the module, you will put your skills into practice and build an online shop from scratch. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products:- Building Single-page Web Apps with Meteor, Fabian Vogelsteller- Meteor Cookbook, Isaac Strack- Meteor Design Patterns, Marcelo Reyna Style and approach. This practical handbook has a step-by-step approach to help you improve your developer skills and efficiently built web applications using Meteor.

Getting Started with Meteor JavaScript Framework

If you are a web developer with basic knowledge of JavaScript and want to take on Web 2.0, build real-time applications, or simply want to write a complete application using only JavaScript and HTML/CSS, this is the book for you. This book is based on Meteor 1.0.

HTML5 Data and Services Cookbook

MeteorJS makes full-stack JavaScript Application Development simple - Learn how to build better modern web apps with MeteorJS, and become an expert in the innovative JavaScript framework. About This Book Get your dream project up and running by building exceptional MeteorJS applications in a matter of days. Learn how to integrate other JavaScript frameworks into your MeteorJS project and become an expert in full-stack development. Go beyond coding and learn how to make modern design decisions - from mobile design to SEO - that drive great user experiences. Who This Book Is For If you've already had some experience with MeteorJS but want to learn how to build even better modern web application, this book has been created for you. It provides you with a comprehensive look at one of those most important frameworks being

used for the modern web today. What You Will Learn Get to grips with the basics and learn how to build a complete real-time application with MeteorJS Find out how Meteor makes full-stack development simple – become a better developer, fast. Use some of the most effective testing tools in modern web development to troubleshoot, debug and optimize your app Find out how to write custom packages for applications – so you can build your project exactly how you want Integrate React and Angular into your project Design and develop high quality animations that will give your UI the edge Build MeteorJS to serve as REST-based application and reactive system Learn how to host a MeteorJS application and then scale it for data Find out how MeteorJS can help you build for mobile Learn how to make sure you implement an effective SEO strategy in your MeteorJS application In Detail The web is dead – applications now rule our online experiences. But how are you going to build them? Well, if you've been paying attention, you might already have tried your hand with MeteorJS, the JavaScript framework that helps you build complete full-stack web applications that are responsive and fast with ease. Mastering MeteorJS Application Development shows you how to do even more with MeteorJS – if you're ready to try a comprehensive course through one of the most exciting frameworks in web development today, this is the book you need. Designed to take you through the entire process of building an advanced multipage application with Meteor, you'll be able to bring your web development ideas with surprising ease. You'll not only learn how Meteor makes web development easier, but also how you can make using Meteor easier, by automating and simplifying tasks so you can be confident you have full control of everything in your workflow – especially everything that could go wrong. From automated testing to integrating other useful frameworks such as Angular and D3, each chapter covers a crucial element in the Meteor development process. Discover how to integrate animations using Meteor's Blaze, to give your UI designs the edge, and explore reactive programming to effectively harness RESTful systems in your projects. You will also learn how to deploy and scale your application, two crucial aspects of modern development and vital in a changing digital environment with users expecting a product and experience that delivers. With further insights on developing for mobile – and how Meteor can help you tackle the challenges of the trend – and details on incorporating SEO strategies into your application, this book isn't just a code tutorial – it's about creating a product that users love. Style and approach This book is a practical guide that teaches you different ways to create custom packages, efficient client and server code, and more using Meteor. This book is packed with perfect examples and explanations to help you understand the concepts. With the perfect mix of theory and practical experience, it will equip you to become a professional MeteorJS developer.

NGINX Cookbook

A project-based, practical guide to get hands-on into Vue.js 2.5 development by building beautiful, functional and performant web applications About This Book Build exciting real world web projects from scratch and become proefficient with Vue.js Web Development Take your app to the next level with animation, routing, state management, server-side rendering and i18n Learn professional web programming techniques to supercharge your Vue.js projects Who This Book Is

For If you are a web developer who now wants to create rich and interactive professional applications using Vue.js, then this book is for you. Prior knowledge of JavaScript is assumed. Familiarity with HTML, Node.js, and tools such as npm and webpack will be helpful but not necessary. What You Will Learn Set up a full Vue.js npm project with the webpack build tool and the official scaffolding tool, vue-cli Write automatically updated templates with directives to create a dynamic web application Structure the app with reusable and maintainable components Create delightful user experiences with animations Use build tools and preprocessor to make larger professional applications Create a multi-page application with the official Vue.js routing library Integrate non-Vue.js elements into your apps like Google Maps Use the official state-management library to prevent errors Optimize your app for SEO and performance with server-side rendering and internationalization In Detail Do you want to make your web application amazingly responsive? Are you unhappy with your app's performance and looking forward to trying out ways to make your app more powerful? Then Vue.js, a framework for building user interfaces, is a great choice, and this book is the ideal way to put it through its paces. This book's project-based approach will get you to build six stunning applications from scratch and gain valuable insights in Vue.js 2.5. You'll start by learning the basics of Vue.js and create your first web app using directives along with rich and attractive user experiences. You will learn about animations and interactivity by creating a browser-based game. Using the available tools and preprocessor, you will learn how to create multi-page apps with plugins. You will create highly efficient and performant functional components for your app. Next, you will create your own online store and optimize it. Finally, you will integrate Vue.js with the real-time Meteor library and create a dashboard showing real-time data. By the end of this book you will have enough skills and will have worked through enough examples of real Vue.js projects to create interactive professional web applications with Vue.js 2.5. Style and approach Project-based guide that will help you start building applications immediately with an easy to follow approach. Our book will have 6 concrete projects. It will take readers through clear and logical steps, with screenshots and tips along the way to help you follow the guide and learn how to get more from Vue.js.

Socket.IO Cookbook

An in-depth guide to exploring the design, architecture, and techniques behind building sophisticated, scalable, and maintainable single-page applications in JavaScript About This Book Build large-scale, feature-complete SPAs by leveraging widely used tools and techniques. Gain a solid understanding of architecture and SPA design to build applications using the library or framework of your choice. Explore the various facets of SPA development to build web apps that are fast, scalable, and easy to test. Who This Book Is For This book is ideal for JavaScript developers who want to build complex single-page applications in JavaScript. Some basic understanding of SPA concepts will be helpful but not essential. What You Will Learn Organize your development environment using the command line with NPM, Bower, and Grunt. Choose an accurate design pattern for your app Understand modular JavaScript programming and Node.js Interact with a REST API using JavaScript and AJAX with practical examples Build a single page application using the MEAN stack Connect your app across popular social

media platforms such as Facebook, Twitter, and LinkedIn Test your app, both on the server side and in views Prepare your app for the real world and deploy it to Heroku In Detail Single-page web applications—or SPAs, as they are commonly referred to—are quickly becoming the de facto standard for web app development. The fact that a major part of the app runs inside a single web page makes it very interesting and appealing. Also, the accelerated growth of browser capabilities is pushing us closer to the day when all apps will run entirely in the browser. This book will take your JavaScript development skills to the next level by teaching you to create a single-page application within a full-stack JavaScript environment. Using only JavaScript, you can go from being a front-end developer to a full-stack application developer with relative ease. You will learn to cross the boundary from front-end development to server-side development through the use of JavaScript on both ends. Use your existing knowledge of JavaScript by learning to manage a JSON document data store with MongoDB, writing a JavaScript powered REST API with Node.js and Express, and designing a front-end powered by AngularJS. This book will teach you to leverage the MEAN stack to do everything from document database design, routing REST web API requests, data-binding within views, and adding authentication and security to building a full-fledged, complex, single-page web application. In addition to building a full-stack JavaScript app, you will learn to test it with JavaScript-powered testing tools such as Mocha, Karma, and Jasmine. Finally, you will learn about deployment and scaling so that you can launch your own apps into the real world. Style and approach Following a structured approach, this book helps readers gain expertise in SPA development. Its thorough coverage of SPA architecture and design, along with practical use cases, provides readers with a clear path to building applications with the library of their choice. For readers who are afraid to take the plunge straightaway, the book also offers step-by-step guidance on developing a complex web app.

Socket. IO Real-Time Web Application Development

Use the two popular web development stacks, Node.js and MongoDB, to build full-featured web applications About This Book* Learn the new ECMAScript along with Node 8 and MongoDB to make your application more effective.* Get the up-to-date information required to launch your first application prototype using the latest versions of Node.js and MongoDB.* A practical guide with clear instructions to designing and developing a complete web application from start to finish using trending frameworks such as angular4 and hapi Who This Book Is For The book is designed for JavaScript developers of any skill level who want to get up-and-running using Node.js and MongoDB to build full-featured web applications. A basic understanding of JavaScript and HTML is the only prerequisite for this book. What You Will Learn* Work with Node.js building blocks* Write and configure a web server using Node.js powered by the Express.js framework* Build dynamic HTML pages using the Handlebars template engine* Persist application data using MongoDB and Mongoose ODM* Test your code using automated testing tools such as the Mocha framework* Automate test cases using Gulp* Reduce your web development time by integrating third-party tools for web interaction.* Deploy a development environment to the cloud using services

such as Heroku, Amazon Web Services, and Microsoft Azure* Explore single-page application frameworks to take your web applications to the next level. Node.js builds fast, scalable network applications while MongoDB is the perfect fit as a high-performance, open source NoSQL database solution. The combination of these two technologies offers high performance and scalability and helps in building fast, scalable network applications. Together they provide the power for manage any form of data as well as speed of delivery. This book will help you to get these two technologies working together to build web applications quickly and easily, with effortless deployment to the cloud. You will also learn about angular 4, which consumes pure JSON APIs from a hapi server. The book begins by setting up your development environment, running you through the steps necessary to get the main application server up-and-running. Then you will see how to use Node.js to connect to a MongoDB database and perform data manipulations. From here on, the book will take you through integration with third-party tools to interact with web apps. You will see how to use controllers and view models to generate reusable code that will reduce development time. Toward the end, the book supplies tests to properly execute your code and take your skills to the next level with the most popular frameworks for developing web applications. By the end of the book, you will have a running web application developed with MongoDB, Node.js, and some of the most powerful and popular frameworks. Style and approach A practical guide with clear instructions to designing and developing a complete web application from start to finish

Svelte and Sapper in Action

Strengthen your applications by adopting Test-Driven Development (TDD), the OpenAPI Specification, Continuous Integration (CI), and container orchestration. Key Features Create production-grade JavaScript applications from scratch Build microservices and deploy them to a Docker container for scaling applications Test and deploy your code with confidence using Travis CI Book Description With the over-abundance of tools in the JavaScript ecosystem, it's easy to feel lost. Build tools, package managers, loaders, bundlers, linters, compilers, transpilers, typecheckers - how do you make sense of it all? In this book, we will build a simple API and React application from scratch. We begin by setting up our development environment using Git, yarn, Babel, and ESLint. Then, we will use Express, Elasticsearch and JSON Web Tokens (JWTs) to build a stateless API service. For the front-end, we will use React, Redux, and Webpack. A central theme in the book is maintaining code quality. As such, we will enforce a Test-Driven Development (TDD) process using Selenium, Cucumber, Mocha, Sinon, and Istanbul. As we progress through the book, the focus will shift towards automation and infrastructure. You will learn to work with Continuous Integration (CI) servers like Jenkins, deploying services inside Docker containers, and run them on Kubernetes. By following this book, you would gain the skills needed to build robust, production-ready applications. What you will learn Practice Test-Driven Development (TDD) throughout the entire book Use Cucumber, Mocha and Selenium to write E2E, integration, unit and UI tests Build stateless APIs using Express and Elasticsearch Document your API using OpenAPI and Swagger Build and bundle front-end applications using React, Redux

and Webpack Containerize services using Docker Deploying scalable microservices using Kubernetes Who this book is for If you're a JavaScript developer looking to expand your skillset and become a senior JavaScript developer by building production-ready web applications, then this book is for you.

Building Node Applications with MongoDB and Backbone

Learning Node.js A Hands-On Guide to Building Web Applications in JavaScript Node.js makes it far easier to create fast, compact, and reliable web/network applications and web servers, and is rapidly becoming indispensable to modern web developers. Learning Node.js brings together the knowledge and JavaScript code you need to build master the Node.js platform and build server-side applications with extraordinary speed and scalability. You'll start by installing and running Node.js, understanding the extensions it uses, and quickly writing your first app. Next, building on the basics, you'll write more capable application servers and extend them with today's most powerful Node.js tools and modules. Finally, you'll discover today's best practices for testing, running Node.js code on production servers, and writing command-line utilities. Throughout the book, author Marc Wandschneider teaches by walking you line-by-line through carefully crafted examples, demonstrating proven techniques for creating highly efficient applications and servers. Build Node.js solutions that leverage your current JavaScript skills Master Node.js nonblocking IO and async programming Handle more requests and increase your application's flexibility Use and write your own modules Perform common JSON/web server tasks Use browsers to generate pages on the fly via Ajax calls and template libraries Simplify development with the express framework Create database back-ends using popular NoSQL and relational databases Deploy and run Node.js apps on Unix/OS X or Windows servers Take advantage of multiprocessor hardware Support virtual hosts and SSL/HTTPS security Test Node.js programs that mix synchronous, async, and RESTful server API functionality

Building Single-page Web Apps with Meteor

Learn how to create mobile and full-stack web applications in JavaScript by getting a deeper insight into Meteor About This Book This step-by-step tutorial will show you how to build fast, complex web applications Over 65 hands-on recipes help you build and deploy elegant web applications Optimize your web application for production use Who This Book Is For If you are a web developer who is familiar with Meteor and has basic knowledge of web development, and you now want to explore new paradigms of single-page, real-time applications, this course is perfectly suited for you. What You Will Learn Secure your site with Meteor best practices Create reactive templates that update themselves when data changes Add routing to a single-page application and make it appear like a real website Make your own Meteor packages and see how to make them public Rapidly build robust, responsive user interfaces Publish your own reusable custom packages Optimize your site for load speed with advanced publishers and subscribers Master the intricacies of front-end development using Jeet, Bootstrap,

CSS animations, and more Leverage the aggregation framework to produce results with big data Optimize your site for search engine visibility In Detail Meteor is best JavaScript development platform and is packed with collections of libraries and packages bound together in a tidy way to take care of everything from development to production, making your web development easier. This course follows a learning path divided into three modules. Each module is a mini course in its own right, taking your knowledge to a new level as you progress. The first module takes you from the installation of Meteor to building a fully working web blog (including back end) to create and edit posts. Your path will begin with the basic concepts and folder structure of a Meteor project, learning how Meteor templates work to test packages, and seeing the application itself. The second module is a cookbook that starts with simple recipes designed for quick reference, and culminating advanced recipes that walk you through building and deploying a complete application. The cookbook covers all the major areas of Meteor development, including lesser-known and undocumented features too. With all the important concepts covered in the previous modules, the third module will get you equipped with simple solutions to boost your development skills. You'll learn about mapping of real-world data and optimizing it, how to optimize and secure web applications and how to deploy and maintain it without breaking its features. Throughout the module, you will put your skills into practice and build an online shop from scratch. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Building Single-page Web Apps with Meteor, Fabian Vogelsteller Meteor Cookbook, Isaac Strack Meteor Design Patterns, Marcelo Reyna Style and approach This practical handbook has a step-by-step approach to help you improve your developer skills and efficiently built web applications using Meteor.

Vue.js 2 Web Development Projects

Fast-track your web development skills to build high performance SPA with Angular 2 and beyond About This Book Up to date with the latest API changes introduced by Angular 2 and 4 Get familiar with the improvements to directives, change detection, dependency injection, router, and more Understand Angular's new component-based architecture Start using TypeScript to supercharge your Angular applications Who This Book Is For Do you want to jump in at the deep end of Angular? Or perhaps you're interested assessing the changes to AngularJS before moving over? If so, then "Getting Started with Angular" is the book for you. To get the most out of the book, you'll need to be familiar with AngularJS 1.x, and have a good understanding of JavaScript. What You Will Learn Understand the changes made from AngularJS with side-by-side code samples to help demystify the Angular learning curve Start working with Angular's new method of implementing directives Use TypeScript to write modern, powerful Angular applications Dig in to the change detection method, and other architectural changes to make sure you know what's going on under the hood of Angular Get to work with the new router in Angular Use the new features of Angular, including pipes, and the updated features such as forms, services, and dependency injection Learn about the server-side rendering in Angular to keep your new applications SEO-friendly Enhance

your applications using Ahead-of-Time compilation and Web Workers In Detail I'm delighted to see this new update and hope it helps you build amazing things with Angular. - Misko Hevery, Creator of AngularJS and Angular Angular is the modern framework you need to build performant and robust web applications. This book is the quickest way to upgrade your AngularJS knowledge to the brave new world of Angular, and get grips with the framework. It starts with an overview putting the changes of the framework in context with version 1. After that, you will be taken on a TypeScript crash-course so you can take advantage of Angular in its native, statically-typed environment. You'll explore the new change detection mechanism in detail, how directives and components have changed, how you create applications with Angular, and much more. Next, you'll understand how to efficiently develop forms, use the router, implement communication with HTTP services, and transform data with custom pipes. Finally, we will take a look at the Angular's Ahead-of-Time compiler, angular-cli and other such tools that help us build professional applications. By the end of the book, you'll be ready to start building quick and efficient Angular applications compatible with v2 and v4, that take advantage of all the new features on offer. This book is up to date for the 2.4 release and is compatible with the 4.0 release as well. Style and approach Starting with a comparison between Angular versions, this book is filled with side-by-side code examples to help highlight the changes. Each chapter then looks at major changes to the framework and is filled with small examples and sample code to get you started.

Getting Started with Meteor.js JavaScript Framework

Build an interactive and full-featured web application from scratch using Node.js and MongoDB About This Book Configure your development environment to use Node.js and MongoDB Use Node.js to connect to a MongoDB database and perform data manipulations A practical guide with clear instructions to design and develop a complete web application from start to finish Who This Book Is For This book is designed for JavaScript developers of any skill level that want to get up and running using Node.js and MongoDB to build full-featured web applications. A basic understanding of JavaScript and HTML is the only requirement for this book. What You Will Learn Configure your development environment to use Node.js and MongoDB Write and configure a web server using Node.js powered by the Express.js framework Build dynamic HTML pages using the Handlebars template engine Persist application data using MongoDB and Mongoose ODM Test your code using automated testing tools such as the Mocha framework Deploy the development environment to the cloud using services such as Heroku, Amazon Web Services, and Microsoft Azure Explore Single-Page application frameworks to take your web applications to the next level In Detail Node.js and MongoDB are quickly becoming one of the most popular tech stacks for the web. Powered by Google's V8 engine, Node.js caters to easily building fast, scalable network applications while MongoDB is the perfect fit as a scalable, high-performance, open source NoSQL database solution. Using these two technologies together, web applications can be built quickly and easily and deployed to the cloud with very little difficulty. The book will begin by introducing you to the groundwork needed to set up the development environment. Here, you will

quickly run through the steps necessary to get the main application server up and running. Then you will see how to use Node.js to connect to a MongoDB database and perform data manipulations. From here on, the book will take you through integration with third-party tools for interaction with web apps. It then moves on to show you how to use controllers and view models to generate reusable code that will reduce development time. Toward the end of the book, we will cover tests to properly execute the code and some popular frameworks for developing web applications. By the end of the book, you will have a running web application developed with MongoDB and Node.js along with its popular frameworks. Style and approach An easy guide to Node.js and MongoDB, which will quickly introduce you to the relevant concepts by taking you through the different steps involved in building a full-fledged web application.

Mastering MeteorJS Application Development

This book is for developers or students who have a working knowledge of JavaScript and HTML, and want to learn how to quickly develop full-stack web applications using pure JavaScript.

Building Single-page Web Apps with Meteor

Svelte and Sapper in Action teaches you to design and build fast, elegant web applications. You'll start immediately by creating an engaging Travel Packing app as you learn to create Svelte components and develop great UX. You'll master Svelte's unique state management model, use Sapper for simplified page routing, and take on modern best practices like code splitting, offline support, and server-rendered views. Summary Imagine web apps with fast browser load times that also offer amazing developer productivity and require less code to create. That's what Svelte and Sapper deliver! Svelte pushes a lot of the work a frontend framework would handle to the compile step, so your app components come out as tight, well-organized JavaScript modules. Sapper is a lightweight web framework that minimizes application size through server-rendering front pages and only loading the JavaScript you need. The end result is more efficient apps with great UX and simplified state management. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Many web frameworks load hundreds of "just-in-case" code lines that clutter and slow your apps. Svelte, an innovative, developer-friendly tool, instead compiles applications to very small bundles for lightning-fast load times that do more with less code. Pairing Svelte with the Sapper framework adds features for flexible and simple page routing, server-side rendering, static site development, and more. About the book Svelte and Sapper in Action teaches you to design and build fast, elegant web applications. You'll start immediately by creating an engaging Travel Packing app as you learn to create Svelte components and develop great UX. You'll master Svelte's unique state management model, use Sapper for simplified page routing, and take on modern best practices like code splitting, offline support, and server-rendered views. What's inside - Creating Svelte components - Using stores for shared data - Configuring

page routing - Debugging, testing, and deploying Svelte apps - Using Sapper for dynamic and static sites About the reader For web developers familiar with HTML, CSS, and JavaScript. About the author Mark Volkmann is a partner at Object Computing, where he has provided software consulting and training since 1996. Table of Contents PART 1 - GETTING STARTED 1 Meet the players 2 Your first Svelte app PART 2 - DEEPER INTO SVELTE 3 Creating components 4 Block structures 5 Component communication 6 Stores 7 DOM interactions 8 Lifecycle functions 9 Client-side routing 10 Animation 11 Debugging 12 Testing 13 Deploying 14 Advanced Svelte PART 3 - DEEPER INTO SAPPER 15 Your first Sapper app 16 Sapper applications 17 Sapper server routes 18 Exporting static sties with Sapper 19 Sapper offline support PART 4 - BEYOND SVELTE AND SAPPER 20 Preprocessors 21 Svelte Native

Web Development with MongoDB and Node - Third Edition

Learn how to build scalable APIs using the Node.js platform and ES6 (EcmaScript 2015) with this quick, informative guide. Developing systems for the wide range of devices available in the modern world requires the construction of APIs designed to work only with data in a centralized manner, allowing client-side applications to be developed separately and have a unique interface for the final user. Node.js has proven itself to be an excellent platform for building REST APIs because of its single-thread architecture. It has a low learning curve and can be understood by anyone who has a basic understanding of the JavaScript language. Use Building APIs with Node.js today to understand how Node.js APIs work, and how you can build your own. What You Will Learn Build scalable APIs using the Node.js platform Use ES6, Express, Passport, ApiDoc, Mocha, Helmet and more Integrate an SQL database through Sequelize.js and build a single page application using Vanilla.js Who This Book Is For Ideal for developers who have a basic understanding of JavaScript and Node.js.

Build Applications with Meteor

This book is meant for developers of all experience levels looking to create mobile and full-stack web applications in JavaScript. Many of the simple recipes can easily be followed by less-experienced developers, while some of the advanced recipes will require extensive knowledge of existing web, mobile, and server technologies. Any application or enterprise web developer looking to create full-stack JavaScript-based apps will benefit from the recipes and concepts covered in this book.

Meteor Design Patterns

MeteorJS makes full-stack JavaScript Application Development simple - Learn how to build better modern web apps with MeteorJS, and become an expert in the innovative JavaScript framework About This Book Get your dream project up and

running by building exceptional MeteorJS applications in a matter of days Learn how to integrate other JavaScript frameworks into your MeteorJS project and become an expert in full-stack development Go beyond coding and learn how to make modern design decisions - from mobile design to SEO - that drive great user experiences Who This Book Is For If you've already had some experience with MeteorJS but want to learn how to build even better modern web application, this book has been created for you. It provides you with a comprehensive look at one of those most important frameworks being used for the modern web today. What You Will Learn Get to grips with the basics and learn how to build a complete real-time application with MeteorJS Find out how Meteor makes full-stack development simple - become a better developer, fast. Use some of the most effective testing tools in modern web development to troubleshoot, debug and optimize your app Find out how to write custom packages for applications - so you can build your project exactly how you want Integrate React and Angular into your project Design and develop high quality animations that will give your UI the edge Build MeteorJS to serve as REST-based application and reactive system Learn how to host a MeteorJS application and then scale it for data Find out how MeteorJS can help you build for mobile Learn how to make sure you implement an effective SEO strategy in your MeteorJS application In Detail The web is dead - applications now rule our online experiences. But how are you going to build them? Well, if you've been paying attention, you might already have tried your hand with MeteorJS, the JavaScript framework that helps you build complete full-stack web applications that are responsive and fast with ease. Mastering MeteorJS Application Development shows you how to do even more with MeteorJS - if you're ready to try a comprehensive course through one of the most exciting frameworks in web development today, this is the book you need. Designed to take you through the entire process of building an advanced multipage application with Meteor, you'll be able to bring your web development ideas with surprising ease. You'll not only learn how Meteor makes web development easier, but also how you can make using Meteor easier, by automating and simplifying tasks so you can be confident you have full control of everything in your workflow - especially everything that could go wrong. From automated testing to integrating other useful frameworks such as Angular and D3, each chapter covers a crucial element in the Meteor development process. Discover how to integrate animations using Meteor's Blaze, to give your UI designs the edge, and explore reactive programming to effectively harness RESTful systems in your projects. You will also learn how to deploy and scale your application, two crucial aspects of modern development and vital in a changing digital environment with users expecting a product and experience that delivers. With further insights on developing for mobile - and how Meteor can help you tackle the challenges of the trend - and details on incorporating SEO strategies into your application, this book isn't just a code tutorial - it's about creating a product that users love. Style and approach This book is a practical guide that teaches you different ways to create custom packages, efficient client and server code, and more using Meteor. This book is packed with perfect examples and explanations to help you understand the concepts. With the perfect mix of theory and practical experience, it will equip you to become a professional MeteorJS developer.

From Containers to Kubernetes with Node.js

Socket.io Real-time Web Application Development.

WebStorm Essentials

Learn how to build a wide range of scalable real-world web applications using a professional development toolkit. If you already know the basics of Node.js, now is the time to discover how to bring it to production level by leveraging its vast ecosystem of packages. With this book, you'll work with a varied collection of standards and frameworks and see how all those pieces fit together. Practical Node.js takes you from installing all the necessary modules to writing full-stack web applications. You'll harness the power of the Express.js and Hapi frameworks, the MongoDB database with Mongoose and Mongooskin. You'll also work with Pug and Handlebars template engines, Stylus and LESS CSS languages, OAuth and Everyauth libraries, and the Socket.IO and Derby libraries, and everything in between. This exciting second edition is fully updated for ES6/ES2015 and also covers how to deploy to Heroku and AWS, daemonize apps, and write REST APIs. You'll build full-stack real-world Node.js apps from scratch, and also discover how to write your own Node.js modules and publish them on NPM. Fully supported by a continuously updated source code repository on GitHub and with full-color code examples, learn what you can do with Node.js and how far you can take it!

What You'll Learn

- Manipulate data from the mongo console
- Use the Mongoose MongoDB libraries
- Build REST API servers with Express and Hapi
- Deploy apps to Heroku and AWS
- Test services with Mocha, Expect and TravisCI
- Implement a third-party OAuth strategy with Everyauth

Web developers who have some familiarity with the basics of Node.js and want to learn how to use it to build apps in a professional environment.

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[HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)