
React Up Running Building Web Applications

Kubernetes: Up and Running

Build Two Full Projects and One Full Game using React Native

React: Building Modern Web Applications

Hands-On Full-Stack Web Development with GraphQL and React

Become an Effective React Developer in Your Team

Practical React Native

Learning React

Real-World Next.js

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Build scalable full-stack applications while learning to solve complex problems with GraphQL

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Fullstack React

Get started with building web applications using practical tips and examples from React use cases

Modern Patterns for Developing React Apps

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Create lightning fast web apps with native power using React and Firebase

Learning React

Build React applications faster with Create React App

Front-end Code, Untangled

Object-Oriented JavaScript

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A Hands-On Guide to Building Web Applications Using React and Redux

Build Better Applications with Coding and Design Patterns

React Native Cookbook

Up & Running, 2nd Edition

The Road to Firebase

Mastering React Test-Driven Development

React: Up & Running

The Essential Frameworks, Libraries, and Tools to Learn Right Now

Your Journey to Master Plain Yet Pragmatic React. Js

React Native in Action

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React and React Native

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Bringing the Web to Native Platforms

The Road to Learn React

React.js Essentials

Build scalable, high-performance, and modern web applications using Next.js, the React framework for production

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Kubernetes: Up and Running Packt
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Create scalable, reusable high-quality
JavaScript applications and libraries

Build Two Full Projects and One Full
Game using React Native Packt
Publishing Ltd

Combining React, one of the most widely used JavaScript frameworks, and GraphQL, the modern way of querying an API, two revolutionary technologies will give you a future-proof and scalable stack you can start building your business around. This book will guide you in implementing applications by using React, Apollo, Node.js and SQL. *React: Building Modern Web Applications* "O'Reilly Media, Inc."

Discover how to use React Native in the real world, from scratch. This book shows you what React Native has to offer, where it came from, and where it's going. You'll begin with a solid foundation of practical knowledge, and then build on it immediately by constructing three different apps. You'll learn how to use each feature of React Native by working on two full projects and one full game. These aren't just simple React Native Hello World examples (although you'll naturally start there!) but are apps that you can, if you so choose, install on your mobile devices and use for real. Throughout this book, you'll gain real-world familiarity with React Native as well as supporting components from Expo, NativeBase, React Navigation and the Redux and

Lodash libraries. You'll also build server-side code for a mobile React Native app to talk to using the popular Node.js and Socket.io library, providing you a holistic view of things even beyond React Native. And, you'll see many helpful tips, tricks and gotchas to watch out for along the way! Practical React Native offers practical exercises that will give you a solid grasp of building apps with React Native, allowing you to springboard into creating more advanced apps on your own. Creating a game with React Native will allow you to see a whole other perspective on what React Native can do. What You'll Learn Master the basics of React Native Create a logically structured project Review interface elements, such as widgets, controls, and extensions Build layouts Work with Expo,

an open source toolchain Who This book
Is For The primary audience is mobile
developers and anyone looking to build
for multiple mobile platforms and trying
to do so with a codebase that is largely
the same across all. Readers will need a
decent foundation, but not necessarily
be experts in, HTML, CSS, and JavaScript,
but I'll assume little beyond that.

Hands-On Full-Stack Web Development with GraphQL and React "O'Reilly Media, Inc."

Hit the ground running with React, the
open source technology from Facebook
for building rich web applications fast.
Updated for the latest React release, the
second edition of this hands-on guide
shows you how to build React
components and organize them into
maintainable large-scale apps. If you're

familiar with JavaScript syntax, you're
ready to get started. Through the course
of this book, author Stoyan Stefanov
helps web developers and programmers
build a complete single-page application.
You'll quickly learn why some developers
consider React the key to the web app
development puzzle. Set up React and
write your first "Hello, World" web app
Create and use custom React
components alongside generic DOM
components Build a data table
component that lets you edit, sort,
search, and export its contents Master
the JSX syntax Use built-in Hooks and
create your own custom ones Manage
the app's data flow with reducers and
contexts Use Create React App to take
care of the build process and focus on
React itself Build a complete custom app

that lets you store data on the client

Become an Effective React

Developer in Your Team Simon and Schuster

Learn to write real-world enterprise apps using the fundamentals of React and the most popular React libraries. Knowing the basics of React is important, but what is more important is knowing the common third-party libraries and how to use them. This book features popular libraries such as React Router v6 for route navigation, Redux with Saga and Thunk for state management, and Formik with Yup for form and input validations. You'll also work with Material UI 5 (the next major version of the most popular UI component library in React), Axios as the HTTP client library, JWT auth for client app authentication, and

TypeScript. Finally, you'll learn to deploy the app to Netlify, and containerize the React app to ship it as a standalone container instance or in a Kubernetes cluster. Become a more effective React developer by using what is available out there instead of trying to reinvent the wheel. This book reveals how to save time and money, and build better apps for your clients. Get practical with React enterprise app development and enhance your career. What You'll Learn Use TypeScript in React Work with Redux, Saga, and Thunk, along with TypeScript Validate forms and inputs without writing too much code Use Material UI Secure the React app by building a login form and protecting the routes Who This Book Is For Those interested in writing React enterprise

apps. Knowledge of HTML, CSS and JavaScript/TypeScript is required, and experience with JavaScript libraries/frameworks would be useful.
Practical React Native Packt Publishing Ltd

Get up and running with ReactJS by developing five cutting-edge and responsive projects About This Book Create pragmatic real-world applications while learning React and its modern developer tools Build sustainable user interfaces by transforming data into components of UI Learn how to generate reusable ReactJS components effectively Who This Book Is For If you are a web developer and wish to learn ReactJS from scratch, then this book is tailor-made for you. Good understanding of Javascript, HTML, and CSS is expected. What You

Will Learn Create, reuse, and compose React components using JSX Share data between various React components and techniques for data flow within a React app Handle user interactions with the help of event handlers and dynamic components Set up and use various next generation ES2015/ES6 features with React Understand the performance and immutability features of React using React add-ons Learn the techniques of Animation in React Use data stores to store model-related data and information Create a flux-based React application by using Reflux library In Detail ReactJS is an open-source JavaScript library that brings the power of reactive programming to web applications and sites. It aims to address the challenges encountered in

developing single-page applications, and is intended to help developers build large, easily scalable and changing web apps. Starting with a project on Open Library API, you will be introduced to React and JSX before moving on to learning about the life cycle of a React component. In the second project, building a multi-step wizard form, you will learn about composite dynamic components and perform DOM actions. You will also learn about building a fast search engine by exploring server-side rendering in the third project on a search engine application. Next, you will build a simple frontpage for an e-commerce app in the fourth project by using data models and React add-ons. In the final project you will develop a complete social media tracker by using the flux

way of defining React apps and know about the best practices and use cases with the help of ES6 and redux. By the end of this book, you will not only have a good understanding of ReactJS but will also have built your very own responsive frontend applications from scratch. Style and approach An easy-to-follow program to learn ReactJS with the help of real world projects. Each topic is explained within the context of a project and provides plenty of tips and tricks for using ReactJS.

Learning React Packt Publishing Ltd
React: Up & Running"O'Reilly Media,
Inc."

Real-World Next.js Packt Publishing
Ltd

Learn how to use Next.js for building
web apps without compromising

performance, user experience, and developer happiness

Key Features

- Develop scalable web applications using Next.js
- Use Next.js as a frontend for existing backends and e-commerce websites and understand how to implement it with any headless CMS
- Deploy Next.js on different platforms, such as Vercel, DigitalOcean, and AWS, or on your own server

Book Description

Next.js is a scalable and high-performance React.js framework for modern web development and provides a large set of features, such as hybrid rendering, route prefetching, automatic image optimization, and internationalization, out of the box. If you are looking to create a blog, an e-commerce website, or a simple website, this book will show you how you can use

the multipurpose Next.js framework to create an impressive user experience. Starting with the basics of Next.js, the book demonstrates how the framework can help you reach your development goals. You'll realize how versatile Next.js is as you build real-world applications with step-by-step explanations. This Next.js book will guide you in choosing the right rendering methodology for your website, securing it, and deploying it to different providers, all while focusing on performance and developer happiness. By the end of the book, you'll be able to design, build, and deploy modern architectures using Next.js with any headless CMS or data source. What you will learn

Get up to speed with Next.js essentials and learn how to build apps quickly

Understand how to create

scalable Next.js architectures Choose between different rendering strategies, such as client-side rendering (CSR), static site generation (SSG), server-side rendering (SSR), and incremental static regeneration (ISR) Write unit tests and integration tests in your Next.js application Discover the powerful routing system and Next.js' built-in components Design and build modern architectures with Next.js using GraphCMS or any headless CMS Who this book is for This book is for web developers who want to improve their React skills by building scalable and maintainable full-stack applications using the modern Next.js web framework. Intermediate-level knowledge of ES6+, React, Node.js, and REST is assumed.
Dive into the Future of Infrastructure

"O'Reilly Media, Inc."

The Complete Guide to Building Cloud-Based Services Cloud Native Go shows developers how to build massive cloud applications that meet the insatiable demands of today's customers, and will dynamically scale to handle virtually any volume of data, traffic, or users. Kevin Hoffman and Dan Nemeth describe the modern cloud-native application in detail, illuminating factors, disciplines, and habits associated with rapid, reliable cloud-native development. They also introduce Go, a "simply elegant" high-performance language that is especially well-suited for cloud development. You'll walk through creating microservices in Go, adding front-end web components using ReactJS and Flux, and mastering advanced Go-based cloud-native

techniques. Hoffman and Nemeth show how to build a continuous delivery pipeline with tools like Wercker, Docker, and Dockerhub; automatically push apps to leading platforms; and systematically monitor app performance in production. Learn “The Way of the Cloud”: why developing good cloud software is fundamentally about mindset and discipline Discover why Go is ideal for cloud-native microservices development Plan cloud apps that support continuous delivery and deployment Design service ecosystems, and then build them in a test-first manner Push work-in-progress to a cloud Use Event Sourcing and CQRS patterns to react and respond to enormous volume and throughput Secure cloud-based web applications: do’s, don’ts, and options Create reactive

applications in the cloud with third-party messaging providers Build massive-scale, cloud-friendly GUIs with React and Flux Monitor dynamic scaling, failover, and fault tolerance in the cloud

Build scalable full-stack applications while learning to solve complex problems with GraphQL Addison-Wesley Professional

Let us full stack development with Spring Boot and React JS. DESCRIPTION Designing Application with Spring Boot 2 & React JS is divided into three parts. The first part introduces you to the essentials of the Spring Boot 2.2 Framework and you will learn how to create REST APIs and how to secure REST APIs. Part 2 steps behind the front end application development with React JS and discuss React features and its

advantages toward the front end application development. Part 3 expands on that by showing how to deploy backend and frontend application the PaaS platform and also will discuss how to deploy application container technologies such as Docker. **KEY FEATURES** ● This book has a very specific goal to make developing REST applications easier and focusing on common challenges of the design of the application with best practices. ● This book is providing practical code examples from real-world experiences. ● This book is not only about Spring Boot 2.2 and React JS overview but also has an in-depth discussion about adopted REST Architectural pattern and its constraints to create the REST APIs. ● The book can act as a tool for learning

Spring Boot 2.2 and React JS for the first time as well as a guide and reference for those wanting to dig deeper into specific features. ● This book is also providing deeper information about the Spring Security and JWT token-based authentication for your REST applications. ● This does not only provide information about to design an application using Spring Boot and React JS but also providing how to deploy your application to the cloud platform (PaaS). ● Containerization using Docker is another key feature of this book, how to create a Docker image and how to run it. **WHAT WILL YOU LEARN** ● Exploring Spring Boot 2.2 new features and essential key components such as Starters, Autoconfiguration, CLI, Actuator. ● Develop a REST application

using Spring Boot 2.2 and DevTools. ● Exploring Spring Boot Auto Configuration and Customization. ● Creating application profiles based on the environments. ● Learn to configure backend data using JDBC and Spring Data JPA. ● Learn to configure a DataSource for H2 DB, and also for Maria DB. ● Learn best practices for designing a REST architecture based application. ● Creating a REST application using HATEOAS. ● Consuming REST APIs endpoints with RestTemplate, Traverson, and WebClient. ● Exploring JWT web token for the RESTful APIs and explores how to secure REST APIs using OAuth2 and Spring security. ● Creating TESTING module of the Spring Boot application and Unit & Integration testing. ● Discuss React JS and its components and also

discuss React KS features and its advantages and disadvantage. ● Exploring how to create ReactJS components and how to manage ReactJS component lifecycle. ● Taking a quick overview of consuming the REST API using the React application. ● Deploying the application to the Cloud platform (PaaS). ● Containerization and Deploy using Docker containers WHO THIS BOOK IS FOR Designing Application with Spring Boot 2.2 & React JS is for all Java developers who want to learn Spring Boot 2.2 and React JS as in the enterprise application. Therefore, enterprise Java developers will find it particularly useful in the understanding of Spring Boot 2.2 and React JS and how to develop a backend RESTful application using the Spring Boot 2.2 and

frontend application using React JS framework. They will most fully appreciate the examples presented in this book. Before reading this book, readers should have basic knowledge of core java, spring, servlet, filter, XML, and JavaScript. TABLE OF CONTENTS Getting Started with Spring Boot 2.2 Customizing Auto-Configuration Configuring Data and CRUD operations Creating REST APIs with Spring Boot 2.2 Securing REST APIs Testing Spring Boot Application Getting Started with React Creating and Styling React Components Consuming the REST API with React JS Deploying and Containerizing Application

Pro React 16 Packt Publishing Ltd
Tackling an app development project on multiple platforms is no simple task. When time is in short supply and

customers need access from the tap of a home screen, React Native can provide a lean development team with the tools needed to deliver a multi-platform native experience without juggling multiple programming languages and shifting code bases. React Native is an emerging technology and best practices are only beginning to bubble up. Fortunately, a growing user community—from tech giants such as Facebook, Yahoo, and Airbnb to the independent developers—is hard at work codifying patterns and best practices for how to use React Native. This cookbook is another milestone on that journey. Aimed at people with some JavaScript and web development experience, the first part of this cookbook covers some simple tips for getting started with React

Native. Part 2 will cover some emerging patterns that are commonly found in most native applications.

Fullstack React "O'Reilly Media, Inc."
LEARN REACT TODAY The up-to-date, in-depth, complete guide to React and friends. Become a ReactJS expert today
Get started with building web applications using practical tips and examples from React use cases
React: Up & Running

Enhance the performance of your applications by using React and adding the Progressive web app capability to it
About This Book Bring the best of mobile sites and native apps to your users with progressive web applications Create fast, reliable, and engaging PWAs with React and Firebase Create high-performance applications even with low connection

speeds by leveraging modern web technologies Who This Book Is For This book is for Javascript Developers who want to develop high performance Web User Interfaces. This book requires basic knowledge of HTML, CSS and JavaScript. What You Will Learn Set up Webpack configuration, as well as get the development server running Learn basic Firebase configuration and deployment Create routes, manage multiple components, and learn how to use React Router v4 to manage the flow of data Use React life cycle methods to load data Add a service worker to the app and learn how it works Use a service worker to send Push Notifications Configure Webpack to split up the JavaScript bundle and lazy load component files Learn how to use the

web Cache API to use your app offline
Audit PWAs with Google's Lighthouse tool
In Detail For years, the speed and power of web apps has lagged behind native applications. Progressive Web Apps (PWAs) aim to solve this by bridging the gap between the web apps and native apps, delivering a host of exciting features. Simultaneously, React is fast becoming the go-to solution for building modern web UIs, combining ease of development with performance and capability. Using React alongside PWA technology will make it easy for you to build a fast, beautiful, and functional web app. After an introduction and brief overview of the goals of PWAs, the book moves on to setting up the application structure. From there, it covers the Webpack build process and the process

of creating React components. You'll learn how to set up the backend database and authentication solution to communicate with Firebase and how to work with React Router. Next, you will create and configure your web app manifest, making your PWA installable on mobile devices. Then you'll get introduced to service workers and see how they work as we configure the app to send push notifications using Firebase Cloud Messaging. We'll also explore the App Shell pattern, a key concept in PWAs and look at its advantages regarding efficient performance. Finally, you'll learn how to add offline capabilities to the app with caching and confirm your progress by auditing your PWA with Lighthouse. Also, you'll discover helper libraries and shortcuts that will help you

save time and understand the future of PWA development. Style and approach This is a step-by-step book, wherein, you will use the React framework to create a complete progressive web app.

Modern Patterns for Developing React Apps Apress

Integrate your React applications with React to build efficient web services. Key Features Learn React by building applications with Create React App Create interactive UIs exploring the latest feature of CRA 2.0 Build Progressive Web Applications for a more seamless web Book Description If you're a power user and you aren't happy always reusing default configurations, from previous applications with each new application, then all you need is Create React App (CRA), a tool in the

React ecosystem designed to help you create boilerplate code for building a web frontend. This book will help you use CRA to write React programs without significant configuration-related difficulties. With this quick start guide, you will integrate your applications with React to build efficient professional web services. You will learn to design UIs with the features of CRA and template your React applications. By the end of the book, you will be sufficiently skilled to be able to build faster and effective React apps using CRA. What you will learn Become familiar with React by building applications with Create React App Make your frontend development hassle free Create interactive UIs exploring the latest features of CRA 2 Build modern, React projects with, SASS, and

progressive web applications Develop proxy backend servers and simulate interaction with a full backend Keep your application fully tested and maintain confidence in your project Who this book is for The book is intended for the web developers who want to jump into building great frontend with React using easy templating solutions.

Painless web apps with React, JSX, Redux, and GraphQL Packt Publishing Ltd

You work in a loop: write code, get feedback, iterate. The faster you get feedback, the faster you can learn and become a more effective developer. Test-Driven React helps you refine your React workflow to give you the feedback you need as quickly as possible. Write strong tests and run them continuously

as you work, split complex code up into manageable pieces, and stay focused on what's important by automating away mundane, trivial tasks. Adopt these techniques and you'll be able to avoid productivity traps and start building React components at a stunning pace! *Building Native Mobile Apps with JavaScript* "O'Reilly Media, Inc."

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.

Create lightning fast web apps with native power using React and Firebase
Packt Publishing Ltd

Master the art of building dynamic, modern web applications with React About This Book Learn the hot new frontend web framework from Facebook – ReactJS, an easy way of developing the V in MVC and a better approach to software engineering in JavaScript A fast-paced guide to designing and building scalable and maintainable web apps with React.js Learn all the new ES6 features and be among the most prominent JavaScript developers who can write efficient JS programs as per the latest standards Master the art of building modern web applications using React Learn to build modern native iOS and Android applications using JavaScript and the incredible power of React Who This Book Is For This course is for web developers that want to unlock high

performance dynamism in the applications that they create. If you want a comprehensive journey into one of the most important JavaScript frameworks around today, dive into this course. What You Will Learn Take control of the front end with reactive JavaScript programming Discover what ReactJS offers your development - before mastering it Create React elements with properties and children Use JSX to speed up your React development process Test your React components with the Jest test framework Learn the latest syntax of ES6 Execute ES6 in a non-supported ES6 environment Learn the principles of object-oriented programming Create a complete single-page application Use an application design plan to write smarter, more meaningful code Learn how to use

animations to give extra style to your application Get to grips with the React Native environment Write your own custom native UI components Integrate native modules in Objective-C and Java that interact with JavaScript In Detail ReactJS has helped to transform the web as we know it. Designed by Facebook to help developers build rapid, responsive UI that can deal with data-intensive usage, it's an essential component in any web developer's skillset. This ReactJS course, in five connected modules, provides you with a fast, engaging and practical route into ReactJS—so you can build powerful, elegant, and modern web applications. Beginning with the Reactive Programming with JavaScript module, you will learn how to take advantage of a

reactive and functional programming paradigm to rethink how you approach your JavaScript code. It's built to help you understand the concepts, relevant and applicable for any frontend developer. You'll then dive a little deeper into ReactJS. The second module gives you a rapid look through the fundamentals of ReactJS, showing you how to build a basic application and demonstrating how to implement the Flux architecture. In the third module you will get to grips with ES6—this will make you a more fluent JavaScript developer, giving you control over ReactJS. You can put your old JavaScript hacks aside and instead explore how to create ES6 custom iterators. In the final two modules you'll learn how to fully master ReactJS, exploring its wider

ecosystem of tools that have helped to make it one of the most important tools in web development today. Ending with insights and guidance on React Native, the tool built for today's demand for native, intuitive user experiences and interfaces, with this course you can be confident in building dynamic and modern apps with React. Style and approach Consisting of five separate modules, journey from the fundamentals of reactive programming to the exciting possibilities of React Native. Each module builds on each other, helping you to incrementally develop your skills and knowledge.

Learning React Packt Publishing Ltd Summary React Native in Action gives iOS, Android, and web developers the knowledge and confidence they need to

begin building high-quality iOS and Android apps using the React Native framework. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology React Native gives mobile and web developers the power of "and." Write your app once and easily deploy it to iOS and Android and the web. React Native apps compile into platform-specific code, reducing development time, effort, and cost! And because you're using JavaScript and the React framework, you benefit from a huge ecosystem of tools, expertise, and support. About the Book React Native in Action teaches you to build high-quality cross-platform mobile and web apps. In this hands-on guide, you'll jump right into building a complete app with the

help of clear, easy-to-follow instructions. As you build your skills, you'll drill down to more-advanced topics like styling, APIs, animations, data architecture, and more! You'll also learn how to maximize code reuse without sacrificing native platform look-and-feel. What's Inside Building cross-platform mobile and web apps Routing, Redux, and animations Cross-network data requests Storing and retrieving data locally Managing data and state About the Reader Written for beginner-to-intermediate web, Android, and iOS developers. About the Authors Nader Dabit is a developer advocate at AWS Mobile, where he works on tools and services to allow developers to build full-stack web and mobile applications using their existing skillset. He is also the founder of React Native Training and

the host of the "React Native Radio" podcast. Table of Contents PART 1 Getting started with React Native Getting started with React Native Understanding React Building your first React Native app PART 2 Developing applications in React Native Introduction to styling Styling in depth Navigation Animations Using the Redux data architecture library PART 3 API reference Implementing cross-platform APIs Implementing iOS-specific components and APIs Implementing Android-specific components and APIs PART 4 Bringing it all together Building a Star Wars app using cross-platform components *Build React applications faster with Create React App* "O'Reilly Media, Inc." Take your web applications to a whole new level with efficient, component-

based UIs that deliver cutting-edge interactivity and performance. Key Features Elaborately explains basics before introducing advanced topics Explains creating and managing the state of components across applications Implement over 15 practical activities and exercises across 11 topics to reinforce your learning Book Description Projects like Angular and React are rapidly changing how development teams build and deploy web applications to production. In this book, you'll learn the basics you need to get up and running with React and tackle real-world projects and challenges. It includes helpful guidance on how to consider key user requirements within the development process, and also shows you how to work with advanced concepts

such as state management, data-binding, routing, and the popular component markup that is JSX. As you complete the included examples, you'll find yourself well-equipped to move onto a real-world personal or professional frontend project. What you will learn Understand how React works within a wider application stack Analyze how you can break down a standard interface into specific components Successfully create your own increasingly complex React components with HTML or JSX Correctly handle multiple user events and their impact on overall application state Understand the component lifecycle to optimize the UX of your application Configure routing to allow effortless, intuitive navigation through your components Who this book is for If you

are a frontend developer who wants to create truly reactive user interfaces in JavaScript, then this is the book for you. For React, you'll need a solid foundation in the essentials of the JavaScript language, including new OOP features that were introduced in ES2015. An understanding of HTML and CSS is assumed, and a basic knowledge of Node.js will be useful in the context of managing a development workflow, but is not essential.

Pragmatic Bookshelf

When traditional web development techniques don't cut it, try React. Use React to create highly interactive web pages faster and with fewer errors. With a little JavaScript experience under your belt, you'll be up and running in no time creating dynamic web applications. Craft

isolated components that make your apps easier to develop and maintain, with plenty of guidance on best practices. Set up automated tests, and make pages render fast for your users. See how to use your React skills to integrate with other front-end technologies when needed. Dive right into React by defining components, the basic building blocks of a React application. Integrate modern JavaScript language features such as classes and arrow functions in your app. Analyze the relationships in your data to isolate state, and sync the data model with what your users see. Once you're familiar with how a React application works, organize your code base with modules. Configure a production build and deliver your app as efficiently as

possible with Webpack. Master testing with React-specific advice and tools to catch the most bugs with the least amount of code. Learn the basics of the Redux library. Define actions and manage an immutable central state with reducers, then connect Redux to your React components to build even larger and more complex interfaces. Package your React code as a standalone widget

so anyone can use it in their own applications. Reuse existing JavaScript code in your React components, and build a new React view on top of an existing data model shared with a legacy application. When you finish this book, you'll be well on your way to solving your front-end problems with React. What You Need: Node.js 6.x or later, and a modern web browser.

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