



ReactJS by Example- Building Modern Web Applications with React

Vipul A M, Prathamesh Sonpatki

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Key Features

- 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

Book Description

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.

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

About the Author

Vipul A M is Director at BigBinary. He is part of Rails Issues Team, and helps triaging issues. His spare time is spent exploring and contributing to many Open Source ruby projects, when not dabbling with React JS.

Vipul loves Ruby's vibrant community and helps in building PuneRb, is the founder of and runs RubyIndia

Community Newsletter and RubyIndia Podcast, and organizes Deccan Ruby Conference in Pune.

He can be found @vipulnsward on twitter and on his site <http://vipulnsward.com>.

Prathamesh Sonpatki is Director at BigBinary. He builds web applications using Ruby on Rails and ReactJS. He loves learning new programming languages and contributing to open source.

He can be found @_chalitanya on twitter.

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