



Building an E-Commerce Application with MEAN

By Adrian Mejia

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Building an E-Commerce Application with MEAN By Adrian Mejia

Develop an end-to-end, real-time e-commerce application using the MEAN stack

About This Book

- Build all the main components of an e-commerce website and extend its high-quality features as per your needs
- Get to grips with the full-stack JavaScript to build attractive e-commerce sites and start making money
- A step-by-step guide to developing the MEAN stack components from scratch to achieve maximum flexibility when building an e-commerce application

Who This Book Is For

This book is for a web or full stack JavaScript developer who wants to get a head start on developing an e-commerce application with MEAN. A basic knowledge of the MEAN stack is highly recommended.

What You Will Learn

- Employ AngularJS to build responsive UI components
- Implement multiple authentication strategies such as OAuth, JsonWebToken, and Sessions
- Enhance website usability with social logins such as Facebook, Twitter, and Google
- Create integrations with payment platforms such as PayPal
- Apply full-text search functionality in MongoDB
- Build a flexible categorization system to organize your products
- Secure your app by creating SSL certificates and run payment platforms in a live environment

In Detail

MEAN stands for MongoDB, Express, AngularJS, and Node.js. It is a combination of a NoSQL database, MongoDB, with a couple of JavaScript web application frameworks, namely Express.js and Angular.js. These run on Node.js.

There is always an ever-growing list of requirements while designing an e-commerce application, which needs to be flexible enough for easy adaptation. The MEAN stack allows you to meet those requirements on time and build responsive applications using JavaScript.

This book will show you how to create your own e-commerce application using the MEAN stack. It will take you step by step through the parallel process of learning and building. It will also teach you to develop a production-ready, high-quality e-commerce site from scratch and will provide the knowledge you need to extend your own features to the e-commerce site.

This book starts with a short introduction to the MEAN stack, followed by a step-by-step guide on how to build a store with AngularJS, set up a database with MongoDB, create a REST API, and wire AngularJS. It also shows you how to manage user authentication and authorization, check multiple payment platforms, add products' search and navigation, deploy a production-ready e-commerce site, and finally add your own high-quality feature to the site.

By the end of the book, you will be able to build and use your own e-commerce app in the real world and will also be able to add your own new features to it.

Style and approach

This book is a step-by-step guide on how to build a real-time e-commerce app with MEAN. Each transition is well explained, and each chapter begins with the required background knowledge.

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Editorial Review

About the Author

Adrian Mejia

Adrian Mejia is a software engineer, full stack web developer, writer, and blogger. He has worked for more than 6 years in the fields of web development and software engineering. He has worked on a variety of projects and platforms, ranging from start-ups to enterprises and from embedded systems to web and e-commerce applications. Adrian loves contributing to open source web-related projects and blogging at <http://adrianmejia.com/>. He started his blog as a reminder to himself of how to solve certain software- and programming-related problems. Later, Adrian noticed that many people found it useful as well, and his blog now gets around 75,000 pageviews every month. He holds a master's degree in software engineering from Rochester Institute of Technology (RIT) in Rochester, New York. Adrian has worked at ADTRAN, Inc. as a software engineer since 2012.

Users Review

From reader reviews:

Susan Tarin:

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Erin Harmon:

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Jonathan Ouzts:

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