



Community Experience Distilled

Building an E-Commerce Application with MEAN

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

Adrian Moja

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Building An E Commerce Application With Mean

David Mercer



Building An E Commerce Application With Mean:

Web Application Development with MEAN Amos Q. Haviv, Adrian Mejia, Robert Onodi, 2016-10-28 Unlock the power of the MEAN stack by creating attractive and real world projects About This Book Learn about the different components that comprise a MEAN application to construct a fully functional MEAN application using the best third party modules A step by step guide to developing the MEAN stack components from scratch to achieve maximum flexibility when building an e commerce application Build optimum end to end web applications using the MEAN stack Who This Book Is For This learning path is for web developers who are experienced in developing applications using JavaScript This course is for developers who are interested in learning how to build modern and multiple web applications using MongoDB Express AngularJS and Node js What You Will Learn Build modern end to end web applications by employing the full stack web development solution of MEAN Connect your Express application to MongoDB and use a Mongoose model and build a complex application from start to finish in MongoDB Employ AngularJS to build responsive UI components Implement multiple authentication strategies such as OAuth JsonWebToken and Sessions Enhance your website s usability with social logins such as Facebook Twitter and Google Secure your app by creating SSL certificates and run payment platforms in a live environment Implement a chat application from scratch using Socket IO Create distributed applications and use the power of server side rendering in your applications Extend a project with a real time bidding system using WebSockets In Detail The MEAN stack is a collection of the most popular modern tools for web development This course will help you to build a custom e commerce app along with several other applications You will progress to creating several applications with MEAN The first module in this course will provide you with the skills you need to successfully create maintain and test a MEAN application Starting with MEAN core frameworks this course will explain each framework key concepts of MongoDB Express AngularJS and Node js We will walk through the different tools and frameworks that will help expedite your daily development cycles After this the next module will show you how to create your own e commerce application using the MEAN stack It takes you step by step through the parallel process of learning and building to develop a production ready high quality e commerce site from scratch It also shows you how to manage user authentication and authorization check multiple payment platforms add a product search and navigation feature deploy a production ready e commerce site and finally add your own high quality feature to the site The final step in this course will enable you to build a better foundation for your AngularJS apps You ll learn how to build complex real life applications with the MEAN stack and a few more advanced projects You will become familiar with WebSockets build real time web applications create auto destructing entities and see how to work with monetary data in Mongo You will also find out how to a build real time e commerce application 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 MEAN Web Development by Amos Haviv Building an E Commerce Application with MEAN by Adrian Mejia MEAN Blueprints by Robert Onodi Style and

approach This course will begin with the introduction to MEAN gradually progressing with building applications in each framework Each transition is well explained and each chapter begins with the required background knowledge

Building Online Stores with OsCommerce David Mercer, 2006-01-25 A step by step introduction to osCommerce

Building an E-Commerce Application with Mean Adrian Mejia, 2015-11-23 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

Conceptual Modeling for New Information Systems Technologies Hiroshi Arisawa, Yahiko Kambayashi, 2003-08-06 The objective of the workshops associated with ER 2001 the 20th International Conference on Conceptual Modeling was to give participants the opportunity to present and discuss emerging hot topics thus adding new perspectives to conceptual modeling This the

20th ER conference the first of the 21st century was also the first one in Japan. The conference was held on November 27-30, 2001 at Yokohama National University with 192 participants from 31 countries. ER 2001 encompasses the entire spectrum of conceptual modeling from theoretical aspects to implementations including fundamentals, applications, and software engineering. In particular, ER 2001 emphasized e-business and reengineering. To meet this objective, we selected the following four topics and planned four international workshops: International Workshop on Conceptual Modeling of Human Organizational Social Aspects of Manufacturing Activities (HUMACS 2001). Manufacturing enterprises have to confront a host of demands. The competitive climate enhanced by communication and knowledge sharing will require increasingly rapid responses to market forces. Customer demands for higher quality, better services, and lower cost will force manufacturers to reach new levels of flexibility and adaptability. Sophisticated customers will demand products customized to meet their needs. Industries have so far sought to cope with these challenges primarily through advances in traditional capital by installing more powerful hardware and software technology. Attention to the role of humans combined with organizational and social schemes in manufacturing has only been marginal. The workshop HUMACS 2001 aimed to challenge the relevance of this last point.

MEAN Blueprints Robert Onodi, 2016-05-30. Unlock the power of the MEAN stack by creating attractive and real world projects. About This Book: Build six optimum end-to-end web applications using the MEAN stack. Follow the advanced Angular.js 2 application structure to build more scalable and maintainable apps. Integrate an authorization system into your application and reuse existing code from projects. Who This Book Is For: If you are a web developer with a basic understanding of the MEAN stack, experience in developing applications with JavaScript, and basic experience with NoSQL databases, then this book is for you. What You Will Learn: Build modern end-to-end web applications by employing the full stack web development solution of MEAN. Learn NoSQL databases and separate the client logic from the server code. Build a complex application from start to finish and work with monetary data in MongoDB. Handle a multi-user type system and authorize your users to access control lists. Implement a chat application from scratch using Socket.io. Create distributed applications and use the power of server-side rendering in your applications. Extend a project with a real-time bidding system using WebSockets. In Detail: The MEAN stack is a combination of the most popular web development frameworks available: MongoDB, Angular, Express, and Node.js, used together to offer a powerful and comprehensive full stack web development solution. It is the modern-day web dev alternative to the old LAMP stack. It works by allowing AngularJS to handle the front end and selecting Mongo Express and Node to handle the back end development, which makes increasing sense to forward-thinking web developers. The MEAN stack is great if you want to prototype complex web applications. This book will enable you to build a better foundation for your AngularJS apps. Each chapter covers a complete single advanced end-to-end project. You'll learn how to build complex real-life applications with the MEAN stack and few more advanced projects. You will become familiar with WebSockets and build real-time web applications as well as create auto destructing entities. Later we

will combine server side rendering techniques with a single page application approach You ll build a fun project and see how to work with monetary data in Mongo You will also find out how to a build real time e commerce application By the end of this book you will be a lot more confident in developing real time complex web applications using the MEAN stack Style and approach This book is filled with independent hands on projects that teach you how to build real life end to end complex web applications using the MEAN stack *Building E-commerce Sites with the .NET Framework* Jason Bentrup,James Whatley,2002 Building e commerce Sites describes the steps a developer takes to plan develop and deploy an actual robust scalable e commerce application using the Microsoft Visual Studio NET There are detailed descriptions of design choices a developer makes and implementation details *Building Object Applications that Work* Scott W. Ambler,1998-02-13 Reviews the entire process of building object applications from analyzing the project to designing a user friendly interface and testing the functionality of your approaches **Springer Handbook of Automation** Shimon Y. Nof,2023-06-16 This handbook incorporates new developments in automation It also presents a widespread and well structured conglomeration of new emerging application areas such as medical systems and health transportation security and maintenance service construction and retail as well as production or logistics The handbook is not only an ideal resource for automation experts but also for people new to this expanding field *Introduction to E-commerce* Zheng Qin,2010-06-30 Introduction to E commerce discusses the foundations and key aspects of E commerce while focusing on the latest developments in the E commerce industry Practical case studies offer a useful reference for dealing with various issues in E commerce such as latest applications management techniques or psychological methods Dr Zheng Qin is currently Director of the E Commerce Institute of Xi an Jiaotong University He received his PhD from Northwestern Polytechnical University [The Complete Idiot's Guide to Making Money with Your Hobby](#) Barbara Arena,2001-01-01 PLEASE PROVIDE COURSE INFORMATION PLEASE PROVIDE

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Building An E Commerce Application With Mean Introduction

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