

A close-up photograph of several white flowers with yellow centers, likely cherry blossoms, on a green branch. The background is a soft, out-of-focus blue.

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# Building an E-Commerce Application with MEAN

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

Adrian Mejia

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# Building An E Commerce Application With Mean

**Adrian Mejia**



## **Building An E Commerce Application With Mean:**

*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

### **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

**Electronic Government: Concepts, Methodologies, Tools, and Applications** Anttiroiko, Ari-Veikko,2008-03-31 Provides research on e government and its implications within the global context Covers topics such as digital government electronic justice government to government information policy and cyber infrastructure

research and methodologies InfoWorld ,1997-06-23 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects *Management, Information and Educational Engineering* Hsiang-Chuan Liu,Wen-Pei Sung,Wenli Yao,2015-06-11 This book contains selected Computer Management Information and Educational Engineering related papers from the 2014 International Conference on Management Information and Educational Engineering MIEE 2014 which was held in Xiamen China on November 22 23 2014 The conference aimed to provide a platform for researchers engineers and academic Computerworld ,2001-02-05 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network **Defining and Measuring E-commerce** Alessandra Colecchia,Organisation for Economic Co-operation and Development. Working Party on Indicators for the Information Society,Organisation for Economic Co-operation and Development. Directorate for Science, Technology, and Industry,Organisation for Economic Co-operation and Development. Committee for Information, Computer, and Communications Policy,1999 **Network World** ,2001-07-23 For more than 20 years Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce **Network World** ,1996-09-09 For more than 20 years Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce Electronic Commerce ,2008 This collection compiles a critical mass of top research nearly 300 chapters from upwards of 400 of the world s leading experts to provide libraries with a landmark four volume reference to meet research needs in the many disciplines impacted by these far reaching topics This collection covers topics including mobile commerce virtual enterprises business to business applications Web services and enterprise methodologies Provided by publisher *An investigation of the effectiveness of social media marketing on the marketing performance of Selected Higher Education Institutions in Zambia* Francis Mukosa,2022-10-12 Doctoral Thesis Dissertation from the year 2022 in the subject Communications Public Relations Advertising Marketing Social Media grade Pass course Marketing language English abstract HEIs in Zambia have adopted the use of social media in advertising online learning and also for administrative purposes Social media has developed in the recent years to a level where it presents itself as the biggest virtual market with the potential to increase geographic markets and revenue for organizations While cases of HEIs that have used social media

marketing for purposes of marketing exist in other places there is no significant research in the Zambian environment that shows empirical evidence that the use of social media marketing can impact marketing performance in HEIs The purpose of this study is to investigate the effectiveness of social media marketing on marketing performance in HEIs and the findings are meant to build a model for social media marketing for HEIs in Zambia in see figure 5 2 in Chapter 5 Data in this research was collected from twelve HEIs using both qualitative and quantitative research methods since this research is a mixed research with both deductive and inductive arguments The data collection techniques included a semi structured interview for qualitative data and a semi structured questionnaire for the quantitative data Data analysis was carried out using different techniques in SPSS for the quantitative data and content analysis using Google analytics for the qualitative data The implications of the findings in chapter four mean that HEIs in Zambia must begin to use social media not only for administrative or advertising purposes but they must use it effectively as a tool to increase their market share and increase their revenue The findings and data analysis in this research indicated that social media is effective in marketing HEIs in Zambia however these institutions must adopt the suggested model in Figure 5 2 in Chapter 5 if they are to enhance social media performance for marketing

**Promoting E-business and Commerce in Developing Countries** ,2004  
BUSINESS HORIZANS ,2001 Understanding BizTalk John Matranga,Stephen Tranchida,Bart Preecs,2000 The BizTalk framework is based on new Extensible Markup Language XML schemas and industry standards that enable integration across industries and between business systems By defining vocabulary schemas tags and framework of this new system readers will understand the details for e commerce *E-work and E-commerce: 11. Platforms and standards* Brian Stanford-Smith,Enrica Chiozza,2001 Over 170 essays dealing with new Internet technologies related to business **OECD Working Papers** ,1999 **Information Technology for Management** Efraim Turban,Ephraim R. McLean,James C. Wetherbe,2002 Taking a practical managerial oriented approach this text stresses how information technology provides solutions to organisational problems and challenges and emphasises the innovative use of information technology **Frontiers of Electronic Commerce** Ravi Kalakota,Andrew B. Whinston,1996 This is a complete introduction to many facets of electronic commerce such as global networking and other broadband technologies which are being used as competitive weapons in today s businesses Microtimes ,2001

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