

## Building An Ecommerce Solution Architecture

In past twenty years or so, information technology has influenced and changed every aspect of our lives and our cultures. Without various IT-based applications, we would find it difficult to keep information stored securely, to process information and business efficiently, and to communicate information conveniently. In the future world, ITs and information engineering will play a very important role in convergence of computing, communication, business and all other computational sciences and application and it also will influence the future world's various areas, including science, engineering, industry, business, law, politics, culture and medicine. The International Conference on Information Engineering and Applications (IEA) 2011 is intended to foster the dissemination of state-of-the-art research in information and business areas, including their models, services, and novel applications associated with their utilization. International Conference on Information Engineering and Applications (IEA) 2011 is organized by Chongqing Normal University, Chongqing University, Shanghai Jiao Tong University, Nanyang Technological University, University of Michigan and the Chongqing University of Arts and Sciences, and is sponsored by National Natural Science Foundation of China (NSFC). The objective of IEA 2011 is to will provide a forum for engineers and scientists in academia, industry, and government to address the most innovative research and development . Information Engineering and Applications provides a summary of this conference including contributions for key speakers on subjects such as technical challenges, social and economic issues, and ideas, results and current work on all aspects of advanced information and business intelligence.

This volume shows how, since 1950, the growth of copyright regulation has followed, and enabled, the extraordinary economic growth of the entertainment, broadcasting, software and communications industries. It reproduces articles written by an extensive list of leading thinkers. US scholars represented in readings include James Boyle, Lawrence Lessig, Pamela Samuelson, Mark Lemley, Alfred Yen, Julie Cohen, Peter Jaszi and Eben Moglen. Leading non-US contributors include Alan Story, Brian Fitzgerald and Peter Drahos. These and other authors explain copyright origins, the development of the law, the theory of enclosure, international trends, recent developments, and current and future directions. Today, the copyright system is often portrayed as an engine of growth, and effective regulation as a predictor of economic development. However, critics see dangers in the expansion of intellectual property rights. The articles in this volume focus principally on the digital age, examining how copyright regulation is likely to affect goals of dissemination and access.

Learn to scale your startup with a roadmap to the all-important part of the business lifecycle between launch and IPO In The Builder's Guide to the Tech Galaxy: 99 Practices to Scale Startups into Unicorn Companies, a team of accomplished investors, entrepreneurs, and marketers deliver a practical collection of concrete advice for scaling a small startup into a lean and formidable tech company. By focusing on the foundational building blocks of a successful company - alignment, team excellence, and capital—this book distills the wisdom found in countless books, podcasts, and the authors' own extensive experience into a compact and accessible blueprint for success. In the book, you'll find: Organizational charts, sample objectives and key results (OKRs), as well as guidance for divisions including technology and product management, marketing, sales, people, and service operations Tools and benchmarks for strategically aligning your company's divisions with one another, and with your organization's "North Star" Templates and tips to attract and retain a triple-A team with the right scale-up mindset Checklists to help you attract growth capital and negotiate term sheets Perfect for companies with two, ten, or one hundred employees, The Builder's Guide to the Tech Galaxy belongs on the bookshelves of founders, managers, entrepreneurs, and other business leaders exploring innovative and proven ways to scale their enterprise to new heights.

Since 1994, the European Conference on Product and Process Modelling (www.ecppm.org) has been providing a review of research, development and industrial implementation of product and process model technology in construction. The 7th European Conference on Product and Process Modelling (ECPPM 2008)

provided a unique discussion platform for topics of ECommerce in the Cloud

Top-level Design, Architecture, and Applications

Using Social MDM to Drive Deep Customer Insight

The Architecture of Frank Gehry

AWS for Solutions Architects

Forbes

Digital Transformation in Cloud Computing

CIO magazine, launched in 1987, provides business leaders with award-winning analysis and insight on information technology trends and a keen understanding of IT's role in achieving business goals.

Trading On The Internet In The Year 2000 And Beyond.ISBN: 0952795671 Year: 1999 Use of the Internet and E-Commerce is a business issue first and foremost. The Information Superhighway will see the consumer having access to a myriad of data through the PC or TV screen. The digital market is so extensive that most retailers will establish the marketplace by designing around a number of architectural models. The design of the system will be based on how the users work and what suits the overall business environment.

This book contains the papers presented at the 4th International Conference on Practical Aspects of Knowledge Management organized by the Department of Knowledge Management, Institute of Informatics and Business Informatics, University of Vienna. The event took place on 2002, December 2-3 in Vienna, Austria. The PAKM conference series is a forum for people to share their views, to exchange ideas, to develop new insights, and to envision completely new kinds of solutions to knowledge management problems, because to succeed in the accelerating pace of the "Internet age," organizations will be obliged to efficiently leverage their most valuable and underleveraged resource: the intellectual capital of their highly educated, skilled, and experienced employees. This next-generation business solutions must be focussed on supporting the creation of value by adding knowledge-rich components as integral parts in the work process. The authors, who work at the leading edge of knowledge management, have pursued integrated approaches which consider both the technological side, and the business side, and the organizational and cultural issues. We hope the papers, covering a broad range of knowledge management topics, will be valuable, at the same extent, for researchers and practitioners developing knowledge management approaches and applications. It was a real joy seeing the visibility of the conference increases and noting that knowledge management researchers and practitioners from all over the world submitted papers. This year, 90 papers and case studies were submitted, from which 55 were accepted.

With the rapid development of cloud computing and digital transformation, well-designed cloud-based architecture is always in urgent need. Illustrated by project cases from the Chinese technology company Alibaba, this book elaborates how to design a cloud-based application system and build them on the cloud. Cloud computing is far from being just a resource provider; it offers database, storage and container services that can help to leverage key advantages for business growth. Based on this notion, authors from the Alibaba Cloud Global Technology Services introduce new concepts and cutting-edge technology in the field, including cloud-native, high-availability and disaster tolerance design on cloud, business middle office, data middle office, and enterprise digital transformation. Resting upon Alibaba's years of practice and achievements in the field of cloud technology, the volume also elucidates the methodology and practice solutions of digital construction, including methodology, product tools, technical process, architecture design, cloud application capacity assessment and optimization, etc. The book will appeal to researchers, students, and especially IT practitioners, professionals, and managers interested in cloud computing, digital transformation, cloud migration, business middle office, data middle office, as well as the Alibaba Cloud itself.

Java Report

Bringing Elasticity to ECommerce

International Conference on Information Engineering and Applications (IEA 2011)

On the Move to Meaningful Internet Systems: OTM 2011

Confederated International Conferences, CoopIS, DOA-SVI, and ODBASE 2011, Heraklion, Crete, Greece, October 17-21, 2011, Proceedings

Building ECommerce Applications

International Conference, CSEE 2011, Wuhuan, China, August 21-22, 2011, Proceedings, Part III

Understand the principles of software architecture with coverage on SOA, distributed and messaging systems, and database modeling Key FeaturesGain knowledge of architectural approaches on SOA and microservices for architectural decisionsExplore different architectural patterns for building distributed applicationsMigrate applications written in Java or Python to the Go languageBook Description Building software requires careful planning and architectural considerations: Golang was developed with a fresh perspective on building next-generation applications on the cloud with distributed and concurrent computing concerns. Hands-On Software Architecture with Golang starts with a brief introduction to architectural elements, Go, and a case study to demonstrate architectural principles. You'll then move on to look at code-level aspects such as modularity, class design, and constructs specific to Golang and implementation of design patterns. As you make your way through the chapters, you'll explore the core objectives of architecture such as effectively managing complexity, scalability, and reliability of software systems. You'll also work through creating distributed systems and their communication before moving on to modeling and scaling of data. In the concluding chapters, you'll learn to deploy architectures and plan the migration of applications from other languages. By the end of this book, you will have gained insight into various design and architectural patterns, which will enable you to create robust, scalable architecture using Golang. What you will learnUnderstand architectural paradigms and deep dive into MicroservicesDesign parallelism/concurrency patterns and learn object-oriented design patterns in GoExplore API-driven systems architecture with introduction to REST and GraphQL standardsBuild event-driven architectures and make your architectures anti-FragileEngineer scalability and learn how to migrate to Go from other languagesGo to grips with deployment considerations with CI/CD pipeline, cloud deployments, and so onBuild an end-to-end e-commerce (travel) application backend in GoWho this book is for Hands-On Software Architecture with Golang is for software developers, architects, and CTOs looking to use Go in their software architecture to build enterprise-grade applications. Programming knowledge of Golang is assumed.

What's the answer to today's increasingly complex web applications? Micro-frontends. Inspired by the microservices model, this approach lets you break interfaces into separate features managed by different teams of developers. With this practical guide, Luca Mezzalana shows software architects, tech leads, and software developers how to build and deliver artifacts atomically rather than use a big bang deployment. You'll learn how micro-frontends enable your team to choose any library or framework. This gives your organization technical flexibility and allows you to hire and retain a broad spectrum of talent. Micro-frontends also supports distributed or colocated teams more efficiently. Pick up this book and learn how to get started with this technological breakthrough right away. Explore available frontend development architectures Learn how microservice principles apply to frontend development Understand the four pillars for creating a successful micro-frontend architecture Examine the benefits and pitfalls of existing micro-frontend architectures Learn principles and best practices for creating successful automation strategies Discover patterns for integrating micro-frontend architectures using microservices or a monolith API layer

NetSuite is the leading cloud-based ERP solution in the world for the mid-market space and is rapidly growing in both directions towards both small business and enterprise. After the pandemic, the world of eCommerce quickly accelerated, and using NetSuite ERP as the eCommerce platform became a noticeable business tactic across all industries. Allowing the ERP to drive the user experience means that companies can surface critical ERP data to the customer for a shopping experience tailored to their business model. Companies both direct to consumer, business to business, or both found that having a synced ERP and eCommerce gives customers live data of inventory, custom pricing, and other business or industry-specific features that would not normally be possible without ERP. For nearly a decade, NetSuite's flagship eCommerce solution called SuiteCommerce gives customers a fully integrated ERP & eCommerce solution that completely removes the need for a complex integration. Now, companies can directly surface ERP data on the customer-facing portal (eCommerce) which enables customizations specific to a business. Automation of eCommerce data has never been easier and SEO can finally be managed while harnessing ERP data management strategies. Find out how you can leverage a powerful ERP system to provide the ideal customer experience and interface including tactics to rank higher on Google, understanding NetSuite eCommerce architecture, and building a strategic roadmap that will allow your web presence to become widely successful!Who is this book for?Do you already know everything about NetSuite ERP, but want to know more about eCommerce and SuiteCommerce in particular?Do you already know everything about Commerce, but want to know more about how to run an eCommerce website with NetSuite?Are you about to implement SuiteCommerce and want it to be widely successful?Do you already have a thriving SuiteCommerce business but want to take it to the next level?Do you use NetSuite with another eCommerce platform but would like your website to be more integrated into your ERP database?Are you a little unsure as to what features even exist for SuiteCommerce?Do you ever wonder if you are missing out on revenue and sales?Would you like to replace the NetSuite Customer Center with a customer experience that is easy, beautiful, and highly customizable?Are you considering moving to NetSuite but want to make sure it can meet your eCommerce needs?Table of Contents-Preface - A SuiteCommerce Success Story-NetSuite Ecommerce Overview-Shared Ecommerce Channels-Connector Service-Custom Integration-SuiteCommerce Standard vs Advanced-How to Buy SuiteCommerce-Building Your Implementation Team-Gathering Requirements-General Questions-Order Fulfillment-Reporting-NetSuite Terminology-Crash Course-Items and Inventory-Relationships Between Records-Forms, Fields, and Labels-Product List Page-Product Detail Page-Matrix Items-Images-Checkout-Up-selling-Homepage-Navigation-Search Bar-Menu Bar and Item Categories-My Account-Purchase History-Order Edit-Extension-Support Cases-Themes-Features/Extensions-Extension Manager-Where to Find Extensions-Clean Data-avoiding Scary Messes-Losse Processes-Training-Maintenance and Extensibility API-Increasing Sales-Leads-Shopping Feed-Talking Directly to Google-Conversions-Customer Retention-SEO-Meta-descriptions and Page Titles-Keyword Research-Aliases and Canonicalization-Off-Page-SEO-Conclusion-Further Resources-Third-Party Solutions

The convenience of online shopping has driven consumers to turn to the internet to purchase everything from clothing to housewares and even groceries. The ubiquity of online retail stores and availability of hard-to-find products in the digital marketplace has been a catalyst for a heightened interest in research on the best methods, techniques, and strategies for remaining competitive in the era of e-commerce. The Encyclopedia of E-Commerce Development, Implementation, and Management is an authoritative reference source highlighting crucial topics relating to effective business models, managerial strategies, promotional initiatives, development methodologies, and end-user considerations in the online commerce sphere. Emphasizing emerging research on up-and-coming topics such as social commerce, the Internet of Things, online gaming, digital products, and mobile services, this multi-volume encyclopedia is an essential addition to the reference collection of both academic and corporate libraries and caters to the research needs of graduate-level students, researchers, IT developers, and business professionals. .

Design and architect highly scalable and robust applications using Go

More Leads, Faster Conversions, Bigger Orders: The Strategic Guide to Building a Wildly Successful Online Business with SuiteCommerce

Software Architecture Metrics

Building Big Data and Analytics Solutions in the Cloud

Volume III: Copyright in the 21st Century

Building Micro-Frontends

Encyclopedia of E-Commerce Development, Implementation, and Management

The two-volume set LNCS 7044 and 7045 constitutes the refereed proceedings of three confederated international conferences: Cooperative Information Systems (CoopIS 2011), Distributed Objects and Applications - Secure Virtual Infrastructures (DOA-SVI 2011), and Ontologies, Databases and Applications of Semantics (ODBASE 2011) held as part of OTM 2011 in October 2011 in Heraklion on the island of Crete, Greece. The 55 revised full papers presented were carefully reviewed and selected from a total of 141 submissions. The 27 papers included in the first volume constitute the proceedings of CoopIS 2011 and are organized in topical sections on business process repositories, business process compliance and risk management, social ontologies and workflows, intelligent information systems and distributed agent systems, emerging trends in business process support, techniques for building cooperative information systems, security and privacy in collaborative applications, and data and information management.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Apply cloud design patterns to overcome real-world challenges by building scalable, secure, highly available, and cost-effective solutions Key FeaturesApply AWS Well-Architected Framework concepts to common real-world use casesUnderstand how to select AWS patterns and architectures that are best suited to your needsEnsure the security and stability of a solution without impacting cost or performanceBook Description One of the most popular cloud platforms in the world, Amazon Web Services (AWS) offers hundreds of services with thousands of features to help you build scalable cloud solutions; however, it can be overwhelming to navigate the vast number of services and decide which ones best suit your requirements. Whether you are an application architect, enterprise architect, developer, or operations engineer, this book will take you through AWS architectural patterns and guide you in selecting the most appropriate services for your projects. AWS for Solutions Architects is a comprehensive guide that covers the essential concepts that you need to know for designing well-architected AWS solutions that solve the challenges organizations face daily. You'll get to grips with AWS architectural principles and patterns by implementing best practices and recommended techniques for real-world use cases. The book will show you how to enhance operational efficiency, security, reliability, performance, and cost-effectiveness using real-world examples. By the end of this AWS book, you'll have gained a clear understanding of how to design AWS architectures using the most appropriate services to meet your organization's technological and business requirements. What you will learnRationalize the selection of AWS as the right cloud provider for your organizationChoose the most appropriate service from AWS for a particular use case or projectimplement change and operations managementFind out the right resource type and size to balance performance and efficiencyDiscover how to mitigate risk and enforce security, authentication, and authorizationIdentify common business scenarios and select the right reference architectures for themWho this book is for This book is for application and enterprise architects, developers, and operations engineers who want to become well-versed with AWS architectural patterns, best practices, and advanced techniques to build scalable, secure, highly available, and cost-effective solutions in the cloud. Although existing AWS users will find this book most useful, it will also help potential users understand how leveraging AWS can benefit their organization.

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.

Advanced Technology in Teaching

Overview Module

Trading on the Internet in the Year 2000 and Beyond

Copyright Law

Building the Knowledge Economy

With examples in Java

Design your cloud infrastructure by implementing DevOps, containers, and Amazon Web Services

Introduction to E-commerce (electronic business)

Drive Powerful Business Value by Extending MDM to Social, Mobile, Local, and Transactional Data Enterprises have long relied on Master Data Management (MDM) to improve customer-related processes. But MDM was designed primarily for structured data. Today, crucial information is increasingly captured in unstructured, transactional, and social formats: from tweets and Facebook posts to call center transcripts. Even with tools like Hadoop, extracting usable insight is difficult—often, because it's so difficult to integrate new and legacy data sources. In Beyond Big Data, five of IBM's leading data management experts introduce powerful new ways to integrate social, mobile, location, and traditional data. Drawing on pioneering experience with IBM's enterprise customers, they show how Social MDM can help you deepen relationships, improve prospect targeting, and fully engage customers through mobile channels. Business leaders and practitioners will discover powerful new ways to combine social and master data to improve performance and uncover new opportunities. Architects and other technical leaders will find a complete reference architecture, in-depth coverage of relevant technologies and use cases, and domain-specific best practices for their own projects. Coverage Includes How Social MDM extends Fundamental MDM concepts and techniques Architecting Social MDM: components, functions, layers, and interactions Identifying high value relationships: person to product and person to organization Mapping Social MDM architecture to specific products and technologies Using Social MDM to create more compelling customer experiences Accelerating your transition to highly-targeted, contextual marketing Incorporating mobile data to improve employee productivity Avoiding privacy and ethical pitfalls throughout your ecosystem Previewing Semantic MDM and other emerging trends

Motivated Resumes & LinkedIn Profiles is unlike any resume or LinkedIn profile book ever written! It gives you unprecedented insight and advice from over a dozen of the most credentialled, experienced, and award-winning resume and LinkedIn profile writers in the industry. It contains over 180 pieces of sage advice quoted throughout the book. You will learn how these writers create impactful resumes and LinkedIn profiles that will stand out, get you interviews, and job offers! Get inside the minds of these writers. Learn how they think about keywords, titling, branding, accomplishments, format, color, design, and a host of other resume writing and LinkedIn profile considerations as they create stunning resumes and winning LinkedIn profiles. Some say that Motivated Resumes & LinkedIn Profiles reveals too many secrets of the resume writing industry! Become an "insider" and learn the secrets from some of the very best.

"This is overview of an extensive handbook that systematically discusses how to translate e-business strategies to working solutions by using the latest distributed computing technologies. This module of the handbook paints the big picture of the Next Generation Real-time Enterprises with numerous case studies to highlight the key points. "

Transitioning monolithic architectures using microservices with .NET Core 2.0 using C# 7.0, 2nd Edition

Enterprise Content and Search Management for Building Digital Platforms

Advances in Computer Science, Environment, Ecoinformatics, and Education, Part III

Selected papers from the 2012 International Conference on Teaching and Computational Science (ICTCS 2012)

Architecting Cloud Computing Solutions

Beyond Big Data

CIO

The importance of the Internet and information and communication technologies to the global economy has never been greater. This volume aims to facilitate knowledge sharing relevant to everyone, irrespective of background, thematic or geographic focus.

Big data is currently one of the most critical emerging technologies. Organizations around the world are looking to exploit the explosive growth of data to unlock previously hidden insights in the hope of creating new revenue streams, gaining operational efficiencies, and obtaining greater understanding of customer needs. It is important to think big data and analytics together. Big data is the term used to describe the recent explosion of different types of data from disparate sources. Analytics is about examining data to derive interesting and relevant trends and patterns, which can be used to inform decisions, optimize processes, and even drive new business models. With today's deluge of data comes the problems of processing that data, obtaining the correct skills to manage and analyze that data, and establishing rules to govern the data's use and distribution. The big data technology stack is ever growing and sometimes confusing, even more so when we add the complexities of setting up big data environments with large up-front investments. Cloud computing seems to be a perfect vehicle for hosting big data workloads. However, working on big data in the cloud brings its own challenge of reconciling two contradictory principles. Cloud computing is based on the concepts of consolidation and resource pooling, but big data systems (such as Hadoop) are built on the shared nothing principle, where each node is independent and self-sufficient. A solution architecture that can allow these mutually exclusive principles to coexist is required to truly exploit the elasticity and case-of-use of cloud computing for big data environments. This IBM® Redpaper™ publication is aimed at chief architects, line-of-business executives, and CIOs to provide a understanding of the cloud-related challenges they face and give prescriptive guidance for how to realize the benefits of big data solutions quickly and cost-effectively.

Software architecture metrics are key to the maintainability and architectural quality of a software project and they can warn you about dangerous accumulations of architectural and technical debt early in the process. In this practical book, leading hands-on software architects share case studies to introduce metrics that every software architect should know. This isn't a book about theory. It's more about practice and implementation, about what has already been tried and worked. Detecting software architectural issues early is crucial for the success of your software: it helps mitigate the risk of poor performance and lowers the cost of repairing those issues. Written by practitioners for software architects and software developers eager to explore successful case studies, this guide will help you learn more about decision and measurement effectiveness. Through contributions from 15 prominent practitioners, this book shares key software architecture metrics to help you set the right KPIs and measure the results. You'll learn how to Measure how well your software architecture is meeting your goals Choose the right metrics to track (and skip the ones you don't need) Improve observability, testability, and deployability. Prioritize software architecture projects Build insightful and relevant dashboards

This practical guide shows architects how to incrementally adopt cloud computing (especially public Infrastructure-as-a-Service and Platform-as-a-Service) and to marshal as much capacity as needed to handle peak holiday or special-event traffic. Advances in Cloud over the past few years now make it possible to run an enterprise-class eCommerce platform out of a cloud. This book helps architects leverage these advances by covering: Cloud service models (IaaS, PaaS, Software-as-a-Service) and deployment models (public, hybrid, private); the impact of omnichannel retailing on platform architecture and deployment architecture; how to build an auto-scaling solution that can quickly add or subtract hardware in response to real-time traffic; re-optimizing what you already know about security to cloud; running a single eCommerce platform from multiple data centers, including several forms of multi-master; building a hybrid solution or deploy your entire platform in the cloud; application and deployment architecture for cloud native through legacy eCommerce platforms; how to build on Software-as-a-Service for eCommerce, including Content Delivery Networks and Global Site Load Balancing services.

99 Practices to Scale Startups into Unicorn Companies

Learn to Leverage the Critical Role E-commerce Plays in Today's Competitive Marketplace

The Builder's Guide to the Tech Galaxy

4th International Conference, PAKM 2002, Vienna, Austria, December 2-3, 2002, Proceedings

Insight, Advice, and Resume Samples Provided by Some of the Most Credentialed, Experienced, and Award-Winning Resume Writers in the Industry

ECPPM 2008

Using Drupal

This 5-volume set (CCIS 214-CCIS 218) constitutes the refereed proceedings of the International Conference on Computer Science, Environment, Ecoinformatics, and Education, CSEE 2011, held in Wuhuan, China, in July 2011. The 525 revised full papers presented in the five volumes were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on information security, intelligent information, neural networks, digital library, algorithms, automation, artificial intelligence, bioinformatics, computer networks, computational system, computer vision, computer modelling and simulation, control, databases, data mining, e-learning, e-commerce, e-business, image processing, information systems, knowledge management and knowledge discovering, multimedia and its application, management and information system, mobile computing, natural computing and computational intelligence, open and innovative education, pattern recognition, parallel and computing, robotics, wireless network, web application, other topics connecting with computer, environment and ecoinformatics, modeling and simulation, environment restoration, environment and energy, information and its influence on environment, computer and ecoinformatics, biotechnology and biofuel, as well as biosensors and bioelectro.

Architect your .NET applications by breaking them into really small pieces - microservices -using this practical, example-based guide. Key Features Start your microservices journey and get a broader perspective on microservices development using C# 7.0 with .NET Core 2.0 Build, deploy, and test microservices using ASP.Net Core, ASP.NET Core API, and Microsoft Azure Cloud Get the basics of reactive microservices Book Description The microservices architectural style promotes the development of complex applications as a suite of small services based on business capabilities. This book will help you identify the appropriate service boundaries within your business. We'll start by looking at what microservices are and their main characteristics. Moving forward, you will be introduced to real-life application scenarios; after assessing the current issues, we will begin the journey of transforming this application by splitting it into a suite of microservices using C# 7.0 with .NET Core 2.0. You will identify service boundaries, split the application into multiple microservices, and define service contracts. You will find out how to configure, deploy, and monitor microservices, and configure scaling to allow the application to quickly adapt to increased demand in the future. With an introduction to reactive microservices, you'll strategically gain further value to keep your code base simple, focusing on what is more important rather than on messy asynchronous calls. What you will learn Get acquainted with Microsoft Azure Service Fabric Compare microservices with monolithic applications and SOA Learn Docker and Azure API management Define a service interface and implement APIs using ASP.NET Core 2.0 Integrate services using a system bus like RabbitMQ Deploy applications using ASP.NET Core 2.0 Implement microservices security using Azure Active Directory, OpenID Connect, and OAuth 2.0 Understand the operation and scaling of microservices in .NET Core 2.0 Understand the key features of reactive microservices and implement them using reactive extensions Who this book is for This book is for .NET Core developers who want to learn and understand the microservices architecture and implement it in their .NET Core applications. It's ideal for developers who are completely new to microservices or just have a theoretical understanding of this architectural approach and want to gain a practical perspective in order to better manage application complexities.

Is your eCommerce solution ready for the cloud? This practical guide shows experienced and aspiring web architects alike how to adopt cloud computing incrementally, using public infrastructure-as-a-Service and Platform-as-a-Service. You will learn how to marshal as much capacity as you need to handle peak holiday or special-event traffic. Written by eCommerce expert Kelly Goetsch, this book helps architects leverage recent technological advances that have made it possible to run an entire enterprise-level eCommerce platform from a cloud. Explore cloud service models: Infrastructure-as-a-Service, Platform-as-a-Service, and Software-as-a-Service Learn about public, hybrid, and private cloud deployment models Understand the impact of omnichannel retailing on platform and deployment architectures Build an auto-scaling solution that can quickly add or subtract hardware in response to real-time traffic Re-apply what you already know about security to the cloud Run a single eCommerce platform from multiple data centers, including several forms of multi-master Build a hybrid solution or deploy your entire platform to the cloud Learn application and deployment architecture for "cloud native" through legacy eCommerce platforms Use Software-as-a-Service for eCommerce, including Content Delivery Networks and Global Site Load Balancing services.

Kar-Ben Read-Aloud eBooks with Audio combine professional narration and text highlighting to bring eBooks to life. One building looks like it's been wrapped in tinfoil. Another looks like it's buried under a pile of paint chips. Frank Gehry has been called "the most important architect of our age". As a child, his parents thought of him as but nothing but a dreamer who wouldn't amount to anything. Even so, Frank kept dreaming and painting, eventually following his passions and becoming an architect who created astounding buildings that to this day attract millions of visitors worldwide. "Being a Chicagoan, I know Frank Gehry's work in our beloved Pritzker Pavilion in Millennium Park. Frank, Who Liked to Build gives young readers a fascinating introduction to the creative vision behind one of the greatest architects of our time." — Sherri Duskey Rinker, author of the Goodnight, Goodnight, Construction Site Series"

Practical Aspects of Knowledge Management

Frank, Who Liked to Build

Motivated Resumes & LinkedIn Profiles

InfoWorld

E-Business and E-Commerce

Pattern-Oriented Software Architecture, Patterns for Resource Management

NetSuite Ecommerce

Teaches you all about e-commerce and how to create your own online shop using WordPress and WooCommerce. Regardless of a business's size, e-commerce helps level the playing field, increases a business's exposure, allows companies to reach customers globally, and streamlines the fulfillment process. In the past, e-commerce websites were expensive, technical and WooCommerce together are a complete e-commerce solution that can be used to sell both physical and digital products online. You'll learn how to install WordPress and how to plan your e-commerce solution with WooCommerce as well as install, create, secure, test, and market a sample online store. Save time and money by planning your own e-commerce store to target customers, and increase sales by offering target customers the ability to purchase products online as well as reach potential customers globally. What You'll Learn Plan an effective e-commerce strategy Choose a payment merchant and which products or services to sell online Secure your store and add products, describe your store with WooCommerce extensions Who This Book Is For Ideal for entrepreneurs and small business owners who know their products (physical or digital), but lack the technical background and skills to setup an online store to sell their products and services.

2012 International Conference on Teaching and Computational Science (ICTCS 2012) is held on April 1-2, 2012, Macao. This volume contains 120 selected papers presented at 2012 International Conference on Teaching and Computational Science (ICTCS 2012), which is to bring together researchers working in many different areas of teaching and computational science. This volume book can be divided into two sections on the basis of the classification of manuscripts considered. The first section deals with teaching. The second section of this volume consists of computational Science. We hope that all the papers here published can benefit you in the related researching fields.

Provides modern enterprises with the tools to create a robust digital platform utilizing proven best practices, practical models, and time-tested techniques Contemporary business organizations can either embrace the digital revolution—or be left behind. Enterprise Content and Search Management for Building Digital Platforms provides modern enterprises with the practices, practical models, and time-tested techniques to compete in the today's digital world. Features include comprehensive discussions on content strategy, content key performance indicators (KPIs), mobile-first strategy, content assessment models, various practical techniques and methodologies successfully used in real-world digital programs, relevant case management system (CMS), including content strategy, CMS architecture, templates, and workflow; reference architectures, information architecture, taxonomy, and content metadata. Advanced CMS topics are then covered, with chapters on integration, content standards, digital asset management (DAM), document management, and content migration, evaluation performance. The basics of enterprise search technologies are explored next, and address enterprise search architecture, advanced search, operations, and governance. Final chapters then focus on enterprise program management and feature coverage of various concepts of digital program management and best practices—along with an illuminating end-to-end digital understanding and learning of new methodologies, techniques, and models for the creation of an end-to-end digital system Addresses a wide variety of proven best practices and deployed techniques in content management and enterprise search space which can be readily used for digital programs Covers the latest digital trends such as mobile-first strategy, responsive design, and search management, and how to target customers, and increase sales by offering target customers the ability to purchase products online as well as reach potential customers globally. What You'll Learn Plan an effective e-commerce strategy Choose a payment merchant and which products or services to sell online Secure your store and add products, describe your store with WooCommerce extensions Who This Book Is For Ideal for entrepreneurs and small business owners who know their products (physical or digital), but lack the technical background and skills to setup an online store to sell their products and services.

Accelerating Business and Mission Success with Cloud Computing. Key Features A step-by-step guide that will practically guide you through implementing Cloud computing services effectively and efficiently. Learn to choose the most ideal Cloud service model, and adopt appropriate Cloud design considerations for your organization. Leverage Cloud computing methods successfully. Book Description Cloud adoption is a core component of digital transformation. Scaling the IT environment, making it resilient, and reducing costs are what organizations want. Architecting Cloud Computing Solutions presents and explains critical Cloud solution design considerations and technology decisions required to choose and deploy the right Cloud technology service requirements. This book starts with the fundamentals of cloud computing and its architectural concepts. It then walks you through Cloud service models (IaaS, PaaS, and SaaS), deployment models (public, private, community, and hybrid) and implementation options (Enterprise, MSP, and CSP) to explain and describe the key considerations and challenges required to adopt Cloud services. No matter which cloud service provider you choose. What you will learn Manage changes in the digital transformation and cloud transition process Design and build architectures that support specific business cases Design, modify, and aggregate baseline cloud architectures Familiarize yourself with cloud application security medium, and large cloud computing solutions Who this book is for If you are an IT Administrator, Cloud Architect, or a Solution Architect keen to benefit from cloud adoption for your organization, then this book is for you. Small business owners, managers, or consultants will also find this book useful. No prior knowledge of Cloud computing is needed.

Issues, Applications, Case Studies

Introduction to E-commerce

Microservices Patterns

E-Business and Distributed Systems Handbook

Hands-On Software Architecture with Golang

Information Engineering and Applications

The first volume of the POSA pattern series introduced a broad-spectrum of general-purpose patterns in software design and architecture. The second narrowed the focus to fundamental patterns for building sophisticated concurrent and networked software systems and applications. This volume uses design patterns to present techniques for implementing effective resource management in a system. The patterns are covered in detail making use of several examples providing directions to the readers on how to implement the presented patterns. Additionally, the volume presents a thorough introduction into resource management and a case study where the patterns are applied to the domain of mobile radio networks. The patterns are grouped by different areas of resource management and hence address the complete lifecycle of resources: resource acquisition, coordination and release.

"A comprehensive overview of the challenges teams face when moving to microservices, with industry-tested solutions to these problems." - Tim Moore, Lightbend 44 reusable patterns to develop and deploy reliable production-quality microservices-based applications, with worked examples in Java Key Features 44 design patterns for building and deploying microservices applications Drawings on decades of unique experience from author and microservice architecture pioneer Chris Richardson, this pragmatic approach to the benefits and the drawbacks of microservices architecture Solve service decomposition, transaction management, and inter-service communication Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Book Microservices Patterns teaches you 44 reusable patterns to reliably develop and deploy production-quality microservices-based applications. This invaluable set of design patterns builds on decades of distributed system experience, adding new patterns for composing services into systems that scale and perform under real-world conditions. More than just a patterns catalog, this practical guide with worked examples offers industry-tested advice to help you design, implement, test, and deploy your microservices-based application. What You Will Learn How (and why) to use microservices architecture Service decomposition strategies Transaction management and queuing patterns Effective testing strategies Deployment patterns This Book Is Written For Writers for enterprise developers familiar with standard enterprise applications. Examples are in Java. About The Author Chris Richardson is a Java Champion, a JavaOne rock star, author of Manning's POJOs in Action, and creator of the original CloudFoundry.com. Table of Contents Escaping monolithic hell Decomposition strategies Interprocess communication in a microservice architecture Managing transactions with sagas Designing business logic in a microservice architecture Developing business logic with event sourcing Implementing queries in a microservice architecture External API patterns Testing microservices: part 1 Testing microservices: part 2 Developing production-ready services Deploying microservices Refactoring to microservices

This collection of articles and blog entries is representative of the full spectrum of commerce-related content we've published on PayPal's Developer Network over the past year. You will find tutorials and quick reference pieces for developers. With the creation of iCommerce we have expanded our coverage to address the needs of eBay and Magento developers and you can expect to see more content focused on helping both the developer and merchant communities in the coming year. Our team has covered a wide variety of topics including building mobile shopping carts, QR codes, working with various PayPal APIs, including how to integrate PayPal with other technologies such as WordPress. Three main themes have emerged in the commerce world today: Mobile, Social, and Local. Expect to see more coverage of these in the coming months.

Encyclopedia of E-Commerce, E-Government, and Mobile Commerce

Building Your Online Store With WordPress and WooCommerce

eWork and eBusiness in Architecture, Engineering and Construction

Build cloud strategies that align technology and economics while effectively managing risk

Building Microservices with .NET Core 2.0