

custom salesforce development services

custom salesforce development services are essential for businesses seeking to maximize their Salesforce platform's potential through tailored solutions. These services enable organizations to customize their CRM environment to meet unique business requirements, streamline operations, and enhance customer engagement. Leveraging custom Salesforce development services ensures that companies can integrate specific workflows, automate complex processes, and improve data management across departments. With the rise of digital transformation, the demand for specialized Salesforce development has grown significantly, helping businesses stay competitive and agile. This article explores the scope, benefits, and best practices of custom Salesforce development services, providing a comprehensive understanding for decision-makers aiming to optimize their Salesforce investment. The following sections delve into the key aspects of Salesforce customization, development methodologies, and strategic implementation.

- Understanding Custom Salesforce Development Services
- Benefits of Custom Salesforce Development
- Core Components of Custom Salesforce Development
- Best Practices for Implementing Custom Salesforce Solutions
- Choosing the Right Salesforce Development Partner

Understanding Custom Salesforce Development Services

Custom Salesforce development services involve creating and modifying Salesforce applications tailored to specific business needs beyond the standard out-of-the-box features. These services include designing unique workflows, developing custom objects, implementing Apex code, and integrating third-party systems. By customizing Salesforce, businesses can address unique challenges and align the CRM system more closely with their operational goals. Such development often requires expertise in Salesforce's proprietary programming languages, tools, and frameworks, ensuring that the customized solutions are scalable, secure, and efficient. Custom Salesforce development services typically encompass requirement analysis, solution design, development, testing, and deployment phases.

Scope of Custom Salesforce Development

The scope of custom Salesforce development varies based on organizational needs and industry requirements. It can range from simple interface modifications and automation of routine tasks to complex application development that integrates multiple data sources and external platforms. Key areas often targeted for customization include sales processes, customer service workflows,

marketing automation, and analytics dashboards. Additionally, custom Salesforce apps can be built using the Lightning Platform to enhance user experience and mobile accessibility.

Technologies and Tools Used

Custom Salesforce development leverages a variety of tools and technologies within the Salesforce ecosystem. Apex, Salesforce's proprietary programming language, is used for backend logic and automation. Visualforce and Lightning Components are utilized for building user interfaces. Salesforce APIs facilitate integration with external systems, while tools like Salesforce DX support continuous integration and delivery. Understanding these technologies is crucial for delivering robust custom solutions that align with business objectives.

Benefits of Custom Salesforce Development

Utilizing custom Salesforce development services offers numerous advantages that help businesses gain a competitive edge. Customized solutions improve operational efficiency by automating manual processes and providing tailored workflows that match specific business models. Enhanced data accuracy and visibility enable better decision-making and customer insights. Moreover, custom development allows seamless integration with existing enterprise applications, promoting better collaboration and data consistency across departments.

Improved Business Process Automation

Custom Salesforce solutions automate complex, repetitive tasks that would otherwise consume valuable time and resources. Automation reduces human error and accelerates sales cycles, customer support, and marketing campaigns. By tailoring automation to precise business rules, organizations increase productivity and allow employees to focus on high-value activities.

Enhanced User Experience and Adoption

Customizing the Salesforce interface according to user roles and preferences results in a more intuitive and efficient system. Improved usability drives higher adoption rates among employees, ensuring that the CRM is utilized effectively. Custom dashboards and reports provide actionable insights tailored to different stakeholders, enhancing decision-making processes.

Scalability and Flexibility

Custom Salesforce development services produce scalable solutions that grow with the business. As organizational needs evolve, custom-built features can be extended or modified without disrupting existing operations. This flexibility is critical for maintaining long-term CRM relevance and supporting dynamic business environments.

Core Components of Custom Salesforce Development

Several core components form the foundation of custom Salesforce development services. Understanding these elements is essential for designing and implementing effective custom solutions that align with business goals.

Custom Objects and Fields

Custom objects and fields allow businesses to capture and manage data specific to their operations that standard Salesforce objects do not support. These custom data structures enable tailored record-keeping and reporting capabilities, providing a comprehensive view of business activities.

Apex Programming and Triggers

Apex code enables the creation of bespoke business logic and automation beyond declarative tools. Triggers execute Apex code in response to database events, facilitating real-time data processing and complex workflow automation.

Lightning Components and Visualforce Pages

Lightning Components are modern, reusable building blocks for creating dynamic user interfaces optimized for desktop and mobile devices. Visualforce pages offer an alternative framework for UI customization, allowing precise control over page layouts and functionality.

Integration and APIs

Integrating Salesforce with external systems such as ERP, marketing platforms, or custom databases is often critical for maintaining unified business processes. Custom Salesforce development services utilize REST, SOAP, and Bulk APIs to ensure smooth data exchange and synchronization.

Best Practices for Implementing Custom Salesforce Solutions

Successful custom Salesforce development requires adherence to best practices that ensure quality, maintainability, and alignment with business objectives. These practices help avoid common pitfalls and maximize return on investment.

Requirement Gathering and Analysis

Thoroughly understanding business requirements is the foundation of effective custom development. Engaging stakeholders across departments ensures that the solution addresses actual needs and supports strategic goals.

Agile Development Methodology

Adopting an agile approach allows for iterative development, continuous feedback, and rapid adaptation to changing requirements. This methodology enhances transparency and ensures that the final product meets user expectations.

Code Quality and Testing

Maintaining high code quality through best practices such as code reviews, unit testing, and automated testing frameworks reduces bugs and improves system stability. Comprehensive testing across different scenarios ensures reliable performance.

Documentation and Training

Detailed documentation of customizations and development processes facilitates future maintenance and upgrades. Providing end-user training ensures effective adoption and maximizes the benefits of the customized Salesforce platform.

Choosing the Right Salesforce Development Partner

Selecting a competent Salesforce development partner is critical for successful implementation of custom Salesforce development services. A reliable partner brings technical expertise, industry knowledge, and a proven track record to the project.

Evaluating Expertise and Experience

Look for partners with certified Salesforce developers and extensive experience in delivering custom solutions across various industries. Their portfolio should demonstrate the ability to solve complex business challenges through tailored development.

Understanding Business Needs

A strategic partner takes time to understand the client's business processes and goals, ensuring that custom development efforts align with broader organizational strategies.

Post-Development Support and Maintenance

Ongoing support is essential to address issues, implement updates, and adapt the solution as business needs evolve. Choose a partner that offers comprehensive post-deployment services to sustain long-term CRM effectiveness.

Cost and Timeline Transparency

Clear communication regarding project scope, costs, and timelines helps manage expectations and ensures smooth collaboration throughout the development lifecycle.

- Requirement gathering and analysis
- Agile development and iterative feedback
- Comprehensive testing and quality assurance
- Proper documentation and user training
- Experienced and certified development team
- Transparent cost and timeline management
- Reliable post-deployment support

Frequently Asked Questions

What are custom Salesforce development services?

Custom Salesforce development services involve tailoring the Salesforce platform to meet specific business needs by creating custom applications, workflows, integrations, and features beyond the standard Salesforce offerings.

How can custom Salesforce development improve business processes?

Custom Salesforce development can automate unique workflows, integrate third-party systems, enhance user interfaces, and provide tailored reporting, thereby increasing efficiency, reducing manual tasks, and improving overall business performance.

What industries benefit most from custom Salesforce development services?

Industries such as finance, healthcare, retail, manufacturing, and technology benefit greatly from custom Salesforce development due to their complex processes and need for specialized CRM functionalities.

What are the key steps involved in custom Salesforce

development?

The key steps include requirement analysis, solution design, development of custom components, integration with other systems, rigorous testing, deployment, and ongoing maintenance and support.

How do custom Salesforce development services integrate with existing business systems?

Custom Salesforce development services often use APIs, middleware, and custom connectors to seamlessly integrate Salesforce with existing ERP, marketing automation, customer support, and other enterprise systems to ensure data consistency and streamlined workflows.

Additional Resources

1. *Mastering Custom Salesforce Development: A Comprehensive Guide*

This book offers an in-depth exploration of custom development within the Salesforce platform. It covers Apex programming, Lightning components, and Visualforce pages, providing practical examples and best practices. Ideal for developers seeking to enhance their skills and deliver tailored solutions to clients.

2. *Salesforce Apex Programming for Custom Solutions*

Focused on Apex, Salesforce's proprietary programming language, this book guides readers through writing efficient and scalable code. It includes real-world scenarios, debugging techniques, and integration strategies to build robust custom applications on Salesforce.

3. *Lightning Component Development: Building Dynamic Salesforce Interfaces*

This title delves into the Lightning Component framework, teaching developers how to create interactive and responsive user interfaces. It covers both Aura and Lightning Web Components, emphasizing customization and performance optimization within Salesforce.

4. *Custom Salesforce Integrations: Connecting Salesforce with External Systems*

Learn how to extend Salesforce capabilities by integrating with third-party applications and services. The book covers REST and SOAP APIs, middleware options, and best practices for secure and efficient data exchange in custom Salesforce projects.

5. *Advanced Visualforce Techniques for Custom Salesforce Applications*

This book focuses on Visualforce page development, providing advanced techniques for creating dynamic and user-friendly interfaces. It includes tips for enhancing user experience, managing state, and integrating Visualforce with Apex controllers.

6. *Salesforce Development Best Practices and Deployment Strategies*

Explore the methodologies for managing custom Salesforce development projects, including version control, testing, and deployment. This guide emphasizes maintaining code quality and ensuring smooth transitions from development to production environments.

7. *Building Scalable Salesforce Solutions with Custom Metadata and Settings*

Understand how to leverage custom metadata types and settings to create scalable and configurable Salesforce applications. The book explains design patterns that improve maintainability and reduce hardcoding in custom development.

8. *Salesforce Mobile Development: Customizing the Salesforce Mobile Experience*

This resource covers customizing Salesforce for mobile users through custom development and Lightning components. It provides insights into mobile-first design, offline capabilities, and performance considerations for Salesforce mobile apps.

9. *Practical Guide to Salesforce Automation with Custom Apex Triggers and Workflows*

Discover how to automate business processes in Salesforce using Apex triggers and workflows tailored to specific organizational needs. The book offers step-by-step instructions for creating, testing, and optimizing automation in custom Salesforce environments.

Custom Salesforce Development Services

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Development Andy Forbes, Philip Safir, Joseph Kubon, Francisco Fálder, 2023-12-29 Harness ChatGPT for streamlined flows, effective configuration, proficient code writing, and enhanced project activities Key Features Improve process quality and reduce costs by incorporating ChatGPT into your Salesforce projects Optimize project workflows and align technical capabilities with business goals Integrate ChatGPT's strengths with Salesforce expertise to innovate business analysis, coding, and testing approaches Purchase of the print or Kindle book includes a free PDF eBook Book Description Authored by a team of Salesforce masters with exemplary IT background, ChatGPT for Salesforce Development helps you learn about the intricacies of Salesforce design, configuration, coding, and testing, demonstrating how ChatGPT can simplify complex setups and enhance project team efficiency. With this book, you'll unlock the effective use of ChatGPT for crafting user stories that align seamlessly with project goals, learn how to design and implement Salesforce flows, and quickly write clear, comprehensive, and high-quality project documentation. You'll leverage ChatGPT to write new Apex code, decipher existing code, and explore the development of web services and callouts. This book covers everything from trigger creation to the development of Lightning Web Components (LWC), highlighting how these can accelerate the development process. Applying ChatGPT's debugging capabilities, you'll swiftly identify and resolve Salesforce issues to uphold the integrity and performance of your Salesforce applications. By the end of this book, you'll be adept at integrating ChatGPT at every stage of Salesforce project delivery, from initial configuration to final testing. What you will learn Masterfully craft detailed and engaging user stories tailored for Salesforce projects Leverage ChatGPT to design cutting-edge features within the Salesforce ecosystem, transforming ideas into functional and intuitive solutions Explore the integration of ChatGPT for configuring Salesforce environments Write Salesforce flows with ChatGPT, enhancing workflow automation and efficiency Develop custom LWCs with ChatGPT's assistance Discover effective testing techniques using ChatGPT for optimized performance and reliability Who this book is for This book is for Salesforce developers, offering insights into using ChatGPT to enhance their coding and configuration abilities. It's an invaluable resource for business analysts looking to use ChatGPT to translate complex requirements into actionable solutions. For testers, this book covers methods to leverage ChatGPT for more effective testing processes, ensuring higher quality outcomes. Product owners will gain insights into optimizing project

workflows and aligning technical capabilities with business goals, making this book a must-have for Salesforce project team members.

custom salesforce development services: Teach Yourself VISUALLY Salesforce.com

Justin Davis, 2013-05-20 An ideal way for visual learners to get up to speed with salesforce.com Salesforce.com is the global leader in on-demand customer relationship management (CRM) and helps companies all over the world manage their sales, marketing, and customer service and support operations. Packed with full-color screen shots and numbered, step-by-step instructions, this guide shows you everything you need to know to get the most out of Salesforce.com. You'll discover how to organize contacts, log activities with contacts, schedule business appointments, use forecasting tools to predict upcoming sales, make accurate projections based on past performance, and more. Explains the latest and most helpful features of the world's most popular customer relationship management (CRM) software - Salesforce.com Covers the latest enhancements to Salesforce.com and explains how to choose the right edition of Salesforce.com to suit your business needs Walks you through personalizing your system, managing accounts and activities, developing contacts, tracking products, and more Teach Yourself VISUALLY Salesforce.com is the book visual learners need to get the most from this go-to solution for CRM needs!

custom salesforce development services: Professional SharePoint 2013 Development

Reza Alirezaei, Brendon Schwartz, Matt Ranlett, Scot Hillier, Brian Wilson, Jeff Fried, Paul Swider, 2013-02-22 Thorough coverage of development in SharePoint 2013 A team of well-known Microsoft MVPs joins forces in this fully updated resource, providing you with in-depth coverage of development tools in the latest iteration of the immensely popular SharePoint. From building solutions to building custom workflow and content management applications, this book shares field-tested best practices on all aspect of SharePoint 2013 development. Offers a thorough look at Windows Azure and SharePoint 2013 Includes new chapters on Application Life Cycle Management, developing apps in SharePoint, and building PerformancePoint Dashboards in SharePoint Professional SharePoint 2013 Development is an essential SharePoint developer title.

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Dmitri Khanine, 2024-04-19 Design highly customized solutions using the Vlocity OmniStudio platform tailored to your business Key Features Understand the critical gotchas and essential best practices for every OmniStudio implementation Discover a proven system for achieving next-level performance and scalability using Salesforce Industries Optimize all aspects of your OmniStudio apps—server side, client side, and document generation Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionSalesforce Industries brings out-of-the-box solutions tailored to specific industries, making it easy for customers to install, configure, and slash their time-to-value. It stands as one of Salesforce's strategic pillars with the number of installations growing rapidly. While customizing the out-of-the-box solutions can pose performance challenges, this book provides a fail-safe system with proven best practices, tools, and precise metrics to enhance performance and scalability for efficient outcomes. Kicking off with an overview of the Salesforce Industries Vlocity platform and OmniStudio, you'll explore the tools and techniques used to manage code and measure performance. Delving into performance optimization, you'll uncover methods for improving performance in OmniStudio's Service Layer (Integration Procedures and DataRaptors) and Presentation Layer (OmniScripts and FlexCards). Further, the book will guide you through achieving maximum performance by leveraging best practices in both layers. By the end of this book, you'll have mastered the intricacies of Salesforce Industries on the Vlocity OmniStudio Platform, enhancing your skills to navigate and optimize tailored solutions effectively. What you will learn Master best practices and design patterns for maximizing performance in OmniStudio Service and Presentation Layers Leverage various go-to tools for measuring performance in Salesforce Industries Download ready-to-go industry solutions from the new process library Discover quick ways to boost performance with just a few clicks Meet user performance expectations and future-proof your OmniStudio apps Explore techniques for managing and deploying your OmniStudio components Find alternative approaches to generating documents with OmniStudio and their

performance implications Who this book is for This book is a valuable resource for Salesforce administrators, architects, and developers, as well as business leaders and decision-makers responsible for implementing Salesforce Industry Solutions on the Vlocity OmniStudio platform. Whether you're looking to enhance your organization's existing systems or embarking on a new implementation journey, this book will help you achieve better performance and scalability.

custom salesforce development services: DIGITAL MARKETING Siddharth Chaturvedi, Premjeet Kumar,, Dr. K.T. Vijaykarthigeyan, Dr. Yaaseen Maswood, 2023-04-17 Siddharth Chaturvedi, Research Scholar, College of Management, SRM Institute of Science and Technology, Chennai, Tamil Nadu, India. Premjeet Kumar, Research Scholar, College of Management, SRM Institute of Science and Technology, Chennai, Tamil Nadu, India. Dr. K.T. Vijaykarthigeyan, Associate Professor, College of Management, SRM Institute of Science and Technology, Chennai, Tamil Nadu, India. Dr. Yaaseen Maswood, Associate Professor, College of Management, SRM Institute of Science and Technology, Chennai, Tamil Nadu, India.

custom salesforce development services: Development with the Force.com Platform Jason Ouellette, 2013-11-12 Master Force.com, Today's Fastest, Most Flexible Cloud Development Platform With Salesforce.com's Force.com platform, you can build and deploy powerful cloud-based enterprise applications faster than ever before. Now, Jason Ouellette gives you all the practical, technical guidance you need to make the most of the newest Force.com releases in your own custom cloud applications. Throughout, he adds new code and updated best practices for rapidly prototyping, building, and testing production-quality Force.com solutions. This edition's extensive new coverage includes Developer Console, JSON, Streaming and Tooling APIs, Bulk API, Force.com Canvas, REST integration, support for Web MVC frameworks, Dynamic Apex and Visualforce, and an all-new chapter on mobile user interfaces. Ouellette covers the entire platform: UIs, database design, analytics, security, and many other topics. His code examples emphasize maintainability, flexibility, and seamless integration—and you can run and adapt all of them with a free Force.com Developer Edition account. Coverage includes: Leveraging Force.com's customizable infrastructure to deliver advanced Platform-as-a-Service (PaaS) solutions Understanding Force.com's unique processes, tools, and architecture Developing a complete application, from requirements and use cases through deployment Using the Force.com database as a framework for highly flexible, maintainable applications Applying Force.com's baked-in security, including user identity, data ownership, and fine-grained access control Constructing powerful business logic with Apex, SOQL, and SOSL Adopting asynchronous actions, Single Page Applications, and other advanced features in Web user interfaces Building intuitive user interfaces with Visualforce, and extending them to public-facing websites and mobile devices Creating smartphone/tablet-friendly apps with HTML5 and Visualforce Performing massive data-intensive tasks offline with Batch Apex Using Force.com integration options, including REST, SOAP, Canvas, and the Streaming, Bulk, Tooling, and Metadata APIs Developing internal social applications with Force.com's Chatter collaboration tools If you're already building Web or mobile applications, take your next giant step into enterprise cloud development—with *Development with the Force.com Platform, Third Edition*. All code examples in this book are available on Github at <http://goo.gl/fjRqMX>, and as a Force.com IDE project on Github at <https://github.com/jmouel/dev-with-force-3e>.

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produced; reviews its history; explains how the industry is structured; discusses its economics and competitive environment; and examines important trends and issues including globalization, workforce, regulation, and the emergence of new software business models. Software runs the computers and networks that support the flow of information in the global economy, and this book provides a real look at the intricacies of this industry.

custom salesforce development services: Consultants and Consulting Organizations Directory, 2007

custom salesforce development services: *Essential Facebook Development* John J. Maver, Cappy Popp, 2009-11-12 With more than 250 million active users, Facebook is the world's #1 social networking platform. But developing successful Facebook applications presents unique challenges, both technical and nontechnical. Now, two of the world's most experienced Facebook developers show you exactly how to meet those challenges. *Essential Facebook Development* offers insider guidance and up-to-the-minute best practices for the entire application lifecycle: design, coding, testing, distribution, post-launch monitoring, metrics, and even application marketing. Using extensive real-world examples, John Maver and Cappy Popp reveal why some Facebook applications succeed brilliantly while others fail. Next, they walk through building a complete application using every major component of the Facebook platform. Maver and Popp thoroughly cover Facebook's most important new features, including Facebook Connect, and provide extensive information available nowhere else—from measuring application success to monetization. Coverage includes Thorough introductions to Facebook's current architecture, integration points, and development technologies Discussion of successful Facebook applications—and what makes them successful What every developer must know about Facebook's Terms of Service Creating an effective application infrastructure Creating canvas pages with FBML and IFrames Adding support for profiles, application tabs, and messaging Incorporating JavaScript into Facebook applications with FBJS Integrating Facebook into external sites with Facebook Connect and the Facebook JavaScript Client Library Debugging techniques for Facebook applications Spreading, monitoring, and tuning applications

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knowledge effectively in professional settings. ● Unlock new career opportunities in the rapidly growing field of cloud computing by obtaining the highly respected AWS Cloud Practitioner certification. ● Speak confidently about cloud concepts and AWS services, enhancing your ability to communicate with colleagues, clients, and stakeholders. ● Learn industry best practices for cost optimization, security, and compliance in AWS cloud environments, ensuring efficient and secure deployments. ● Hone your problem-solving skills by tackling challenging exercises and case studies, preparing you to address complex issues in cloud computing with confidence. Table of Contents1. Introduction to AWS Cloud Practitioner Exam (CLF - C02 2. Understanding Cloud Computing 3. Introduction to AWS and Global Infrastructure 4. AWS Well-Architected Framework and Shared Responsibility Model 5. AWS Core Services – Part I 6. AWS Core Services – Part II 7. AWS Core Services – Part III 8. Other AWS Services 9. Billing and Pricing 10. Preparing for Exam 11. AWS Hands-on Guide for Beginners Index

custom salesforce development services: Cloud Computing Christian Baun, Marcel Kunze, Jens Nimis, Stefan Tai, 2011-07-14 Cloud computing is a buzz-word in today's information technology (IT) that nobody can escape. But what is really behind it? There are many interpretations of this term, but no standardized or even uniform definition. Instead, as a result of the multi-faceted viewpoints and the diverse interests expressed by the various stakeholders, cloud computing is perceived as a rather fuzzy concept. With this book, the authors deliver an overview of cloud computing architecture, services, and applications. Their aim is to bring readers up to date on this technology and thus to provide a common basis for discussion, new research, and novel application scenarios. They first introduce the foundation of cloud computing with its basic technologies, such as virtualization and Web services. After that they discuss the cloud architecture and its service modules. The following chapters then cover selected commercial cloud offerings (including Amazon Web Services and Google App Engine) and management tools, and present current related open-source developments (including Hadoop, Eucalyptus, and Open Cirrus™). Next, economic considerations (cost and business models) are discussed, and an evaluation of the cloud market situation is given. Finally, the appendix contains some practical examples of how to use cloud resources or cloud applications, and a glossary provides concise definitions of key terms. The authors' presentation does not require in-depth technical knowledge. It is equally intended as an introduction for students in software engineering, web technologies, or business development, for professional software developers or system architects, and for future-oriented decision-makers like top executives and managers.

custom salesforce development services: Data Intensive Storage Services for Cloud Environments Kyriazis, Dimosthenis, Voulodimos, Athanasios, Gogouvitis, Spyridon V., Varvarigou, Theodora, 2013-04-30 With the evolution of digitized data, our society has become dependent on services to extract valuable information and enhance decision making by individuals, businesses, and government in all aspects of life. Therefore, emerging cloud-based infrastructures for storage have been widely thought of as the next generation solution for the reliance on data increases. Data Intensive Storage Services for Cloud Environments provides an overview of the current and potential approaches towards data storage services and its relationship to cloud environments. This reference source brings together research on storage technologies in cloud environments and various disciplines useful for both professionals and researchers.

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performance of an organization, regardless of how big or small it may be. Helps businesses understand how to introduce social collaboration practices into their organizations in order to create the results they are seeking Details ways to transform a business into a social business by using social collaboration technologies Provides case studies that exemplify ways in which business can engage and learn in social collaboration Social Collaboration For Dummies is an ideal introductory guide for anyone looking to use social collaboration to lead to improvements in productivity, organizational agility, innovation, and employee engagement.

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custom salesforce development services: Cloud Computing Rajkumar Buyya, James Broberg, Andrzej M. Goscinski, 2010-12-17 The primary purpose of this book is to capture the state-of-the-art in Cloud Computing technologies and applications. The book will also aim to identify potential research directions and technologies that will facilitate creation a global market-place of cloud computing services supporting scientific, industrial, business, and consumer applications. We expect the book to serve as a reference for larger audience such as systems architects, practitioners, developers, new researchers and graduate level students. This area of research is relatively recent, and as such has no existing reference book that addresses it. This book will be a timely contribution to a field that is gaining considerable research interest, momentum, and is expected to be of increasing interest to commercial developers. The book is targeted for professional computer science developers and graduate students especially at Masters level. As Cloud Computing is recognized as one of the top five emerging technologies that will have a major impact on the quality of science and society over the next 20 years, its knowledge will help position our readers at the

forefront of the field.

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out there for deploying metadata. You will also use command-line tools to authenticate and access the Force.com Rest sObject API and the Bulk sObject API; additionally, you will write a custom Rest endpoint, and learn how to structure a project so that multiple developers can work independently of each other without causing metadata conflicts. Finally, you will take an in-depth look at the overarching best practices for architecture (structure) and engineering (code) applications on the Force.com platform. Style and approach A step-by-step tutorial, with plenty of tips and tricks that will help you develop complex Force.com applications.

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