

Dynamics 365 Application Development Master Professional Level Crm Application Development For Microsoft Dynamics 365

Why do businesses continue to use Microsoft's BizTalk Server as the backbone to integrate line-of-business applications with their trading partners and how do recent changes make it even more effective? With the advent of Azure, we have a unique opportunity to enhance BizTalk functionality including reducing the cost of operations and maintenance. This book offers three solutions for the reader on ways to leverage BizTalk to get more from existing deployments or find ways to modernize the deployment via Azure. Microsoft partners are playing a significant role in enhancing the capabilities of BizTalk and this book includes sections that provide an in-depth review of BizTalk 360 (c) and the WPC HIPAA DB Toolkit (c). Over the recent past, Web 3.0 has also introduced many new concepts and open source technologies and this book covers ways to leverage these to enhance your BizTalk deployment. The authors start with a survey of the existing BizTalk Server - its history, patterns, and state of affairs -and go on to provide an in-depth elaboration of three messaging patterns that customers use for BizTalk; the advantages of updating to SQL Server 2016; a review of partner solutions that enhance BizTalk; and BizTalk with Web 3.0 for custom solutions. The book concludes with a comparison of the three viable BizTalk Azure application solutions that will enable you to make the best choice for your business.

Discover how to set up core Dynamics 365 Customer Engagement functionality and learn how to build more customized processes on top of the standard capabilities. This book starts by showing you how to set up the Dynamics 365 Online system for sales, customer service, marketing, field service, and Outlook integration. In the second section, you'll work through UI customizations, process automation and reporting in Dynamics 365 CE. Learn about the App Framework, how to create model-driven apps and how to get started with the Common Data Service for Apps. Leverage Microsoft Flow within Dynamics 365 CE to create loosely coupled business applications using automation from Microsoft and third-party services. After reading Dynamics 365 CE Essentials, you will have mastered the core functionality available in Dynamics 365 CE and be able to set it up for a number of different scenarios. What You Will Learn Set up the core standard features of Dynamics 365 CE Create model-driven apps within Dynamics 365 customized to specific business needs Customize Dynamics 365 CE and leverage process automation functionality through the UI Learn about the Common Data Service for Apps Who This Book Is For Consultants, business analysts, administrators, and project managers who are looking for more information about Dynamics 365.

Understanding the new Microsoft Extension model for development Key Features Develop solutions for Dynamics 365 Business Central Orient yourself with the new Microsoft Extension model for development Learn modern ways to develop with Dynamics 365 Business Central Book Description Microsoft Dynamics 365 Business Central is the new SaaS ERP proposition from Microsoft. This latest version has many exciting features guaranteed to make your life easier. This book is an ideal guide to

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Dynamics 365 Business Central and will help you get started with implementing and designing solutions for real-world scenarios. This book will take you through the fundamental topics for implementing solutions based on Dynamics 365 Business Central (on-premise and SaaS). We'll see the core topics of the new development model (based on extensions) and we'll see how to create applications with the new Microsoft ERP proposition. The book begins by explaining the basics of Dynamics 365 Business Central and the Microsoft ERP proposition. We will then cover topics such as extensions, the new modern development model of Visual studio code, sandboxes, Docker, and many others. By the end of the book, you will have learned how to debug and compile extensions and to deploy them to the cloud and on-premise. You will also have learned how to create serverless business processes for Microsoft Dynamics 365 Business Central. What you will learn Develop solutions for Dynamics 365 Business Central Create a sandbox for extensions development (local or on cloud) Use Docker with Dynamics 365 Business Central Create extensions for Dynamics 365 Business Central Handle dependencies, translations and reporting Deploy extensions on-premise and to the cloud Create serverless processes with Dynamics 365 Business Central Understand source code management for AL Who this book is for This book is for Microsoft Dynamics 365 Business Central solution developers and architects that needs to implement solutions based on the Microsoft's ERP (on-premise and SaaS).

Over 80 effective recipes to help you solve real-world Microsoft Dynamics 365 for Finance and Operations development problems About This Book Learn all about the enhanced functionalities of Dynamics 365 for Finance and Operations and master development best practices Develop powerful projects using new tools and features Work through easy-to-understand recipes with step-by-step instructions and useful screenshots Who This Book Is For If you are a Dynamics AX developer primarily focused on delivering time-proven applications, then this book is for you. This book is also ideal for people who want to raise their programming skills above the beginner level, and at the same time learn the functional aspects of Dynamics 365 for Finance and Operations. Some X++ coding experience is expected. What You Will Learn Explore data manipulation concepts in Dynamics 365 for Operations Build scripts to assist data migration processes Organize data in Dynamics 365 for Operations forms Make custom lookups using AOT forms and dynamically generate them from X++ code Create a custom electronic payment format and process a vendor payment using it Integrate your application with Microsoft Office Suite and other external systems using various approaches Export and import business data for further distribution or analysis Improve your development efficiency and performance In Detail Microsoft Dynamics 365 for Finance and Operations has a lot to offer developers. It allows them to customize and tailor their implementations to meet their organization's needs. This Development Cookbook will help you manage your company or customer ERP information and operations efficiently. We start off by exploring the concept of data manipulation in Dynamics 365 for Operations. This will also help you build scripts to assist data migration, and show you how to organize data in forms. You will learn how to create custom lookups using Application Object Tree forms and generate them dynamically. We will also show you how you can enhance your application by using advanced form controls, and integrate your system with other external systems. We will help you script and enhance your user interface using UI elements. This book will help you look at

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application development from a business process perspective, and develop enhanced ERP solutions by learning and implementing the best practices and techniques. Style and approach The book follows a practical recipe-based approach, focusing on real-world scenarios and giving you all the information you need to build a strong Dynamics 365 for Finance and Operations implementation.

Presents a series of lessons, exercises, and quizzes covering the features of Microsoft CRM 2011, including such topics as security, contacts, marketing campaigns, Outlook integration, scheduling, and query basics.

Build large-scale, mission-critical hardened applications on the Azure cloud platform. This 2nd edition provides information on the newer features in Azure, such as Linux extensions and supporting Azure Services such as HDInsight and SQL Server on Linux. Updated with new applications Hardening Azure Applications also discusses Scale Sets (VMSS), a major upgrade that enables autoscaling and seamlessly makes machines ready for high availability. The authors take you step by step through the process of evaluating and building applications with the appropriate hardness attributes. After a small introduction to cloud computing, you will learn about various cloud and hardened cloud applications in detail. Next, you will discover service fundamentals such as instrumentation, telemetry, and monitoring followed by key application experiences. Further, you will cover availability and the economics of 9s. Towards the end, you will see how to secure your application and learn about the modernization of software organisations, a new topic in this edition. After reading this book, you will master the techniques and engineering principles that every architect and developer needs to know to harden their Azure/.NET applications to ensure maximum reliability and high availability when deployed at scale. What You Will Learn Use techniques and principles to harden Azure/.NET applications Secure your applications on Azure Create a scale set on Azure Work with service fundamentals such as instrumentation, telemetry, and monitoring Who This Book Is For Developers and IT professionals who are working on Azure applications.

Learn, develop, and design applications using the new features in Microsoft Dynamics CRM Key Features Implement business logic using processes, plugins, and client-side scripts with MS Dynamics 365 Develop custom CRM solutions to improve your business applications A comprehensive guide that covers the new features of Microsoft Dynamics 365 and increasingly advanced topics. Book Description Microsoft Dynamics 365 CRM is the most trusted name in enterprise-level customer relationship management. The latest version of Dynamics CRM comes with the important addition of exciting features guaranteed to make your life easier. It comes straight off the shelf with a whole new frontier of updated business rules, process enhancements, SDK methods, and other enhancements. This book will introduce you to the components of the new designer tools, such as SiteMap, App Module, and Visual Designer for Business Processes. Going deeper, this book teaches you how to develop custom SaaS applications leveraging the features of PowerApps available in Dynamics 365. Further, you will learn how to automate business processes using Microsoft Flow, and then we explore Web API, the most important platform update in Dynamics 365 CRM. Here, you'll also learn how to implement Web API in custom applications. You will learn how to write an Azure-aware plugin to design and integrate cloud-aware solutions. The book concludes with configuring services using newly released features such as Editable

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grids, Data Export Service, LinkedIn Integration, Relationship Insights, and Live Assist. What you will learn Develop apps using the platform-agnostic Web API Leverage Azure Extensions to design cloud-aware applications Learn how to implement CRUD operation Create integrated real-world apps using Microsoft PowerApps and Flow by combining services such as Twitter, Facebook, and SharePoint Configure and use Artificial Intelligence Azure Cognitive Services for Recommendation and Text Analytic services Who this book is for This book targets skilled developers who are looking to build business-solution software and are new to application development in Microsoft Dynamics 365, especially for CRM.

Accelerate your digital transformation and break down silos with Microsoft Dynamics 365 It's no secret that running a business involves several complex parts like managing staff, financials, marketing, and operations—just to name a few. That's where Microsoft Dynamics 365, the most profitable business management tool, comes in. In Microsoft Dynamics 365 For Dummies, you'll learn the aspects of the program and each of its applications from Customer Service to Financial Management. With expert author Renato Bellu's clear instructions and helpful tips, you'll be managing to your fullest advantage before you know it. Let's get started! Digitally transform your business by connecting CRM and ERP Use data to make decisions across all business functions Integrate Dynamics 365 with Office 365 and LinkedIn Manage financials and operations Are you running a dynamic business? This book shows you how!

Learn how to write automated tests for Dynamics 365 Business Central and see how to implement it in your daily work Key Features Leverage automated testing to advance over traditional manual testing methods Write, design, and implement automated tests Explore various testing frameworks and tools compatible with Microsoft Dynamics 365 Business Central Book Description Dynamics 365 Business Central is the new cloud-based SaaS ERP proposition from Microsoft. It's not as simple as it used to be way back when it was called Navigator, Navision Financials, or Microsoft Business Solutions-Navision. Our development practices are becoming more formal, and with this, the call for test automation is pressing on us. This book will teach you to leverage testing tools available with Dynamics 365 Business Central to perform automated testing. We'll begin with a quick introduction to automated testing, followed by an overview of test automation in Dynamics 365 Business Central. Then you'll learn to design and build automated tests and we'll go through some efficient methods to get from requirements to application and testing code. Lastly, you'll learn to incorporate your own and Microsoft tests into your daily development practice. By the end of the book, you'll be able to write your own automated tests for Dynamics 365 Business Central. What you will learn Understand what automated tests are, and when and why to use them Explore the five pillars of the Testability Framework of Business Central Design and write automated tests for Business Central Make use of standard automated tests and their helper libraries Integrate automated tests into your development practice Who this book is for This book is for consultants, testers, developers, and development managers working with Microsoft Dynamics NAV and Business Central. Being a book on automated testing techniques, it also caters to both functional and technical development teams.

Microsoft has changed the technology so customers can now select, evaluate and implement Microsoft Dynamics 365 and other

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applications for their enterprise. This book will provide insights and relevant information around Dynamics 365 Apps, trial experience and implementation of Dynamics 365 for Finance and Operations Apps

Explore the fundamentals of Dynamics 365 Business Central and the Visual Studio Code development environment with the help of useful examples and case studies

Key Features Tailor your applications to best suit the needs of your business Explore the latest features of Business Central with examples curated by industry experts Integrate Business Central features in your applications with this comprehensive guide

Book Description Microsoft Dynamics 365 Business Central is a full ERP business solution suite with a robust set of development tools to support customization and enhancement. These tools can be used to tailor Business Central's in-built applications to support complete management functions for finance, supply chain, manufacturing, and operations. Using a case study approach, this book will introduce you to Dynamics 365 Business Central and Visual Studio Code development tools to help you become a productive Business Central developer. You'll also learn how to evaluate a product's development capabilities and manage Business Central-based development and implementation. You'll explore application structure, the construction of and uses for each object type, and how it all fits together to build apps that meet special business requirements. By the end of this book, you'll understand how to design and develop high-quality software using the Visual Studio Code development environment, the AL language paired with the improved editor, patterns, and features. What you will learn

Programming using the AL language in the Visual Studio Code development environment Explore functional design and development using AL How to build interactive pages and learn how to extract data for users How to use best practices to design and develop modifications for new functionality integrated with the standard Business Central software Become familiar with deploying the broad range of components available in a Business Central system Create robust, viable systems to address specific business requirements

Who this book is for If you want to learn about Dynamics 365 Business Central's powerful and extensive built-in development capabilities, this is the book for you. ERP consultants and managers of Business Central development will also find this book helpful. Although you aren't expected to have worked with Dynamics Business Central, basic understanding of programming and familiarity with business application software will help you understand the concepts covered in this book.

This book provides precise descriptions and instructions which enable users, students and consultants to understand Microsoft Dynamics 365 for Finance and Operations rapidly. Microsoft offers Dynamics 365 as its premium ERP solution, supporting large and mid-sized organizations with a complete business management solution which is easy to use. Going through a simple but comprehensive case study, this book provides the required knowledge to handle all basic business processes in Microsoft Dynamics 365 for Finance and Operations. Exercises are there to train the processes and functionality, also making this book a good choice for self-study.

A practical recipe-based guide to extend your Dynamics 365 Finance and Supply chain management implementation. Key Features Extend Dynamics 365 Finance and Supply Chain Management features in a cost-effective manner Learn how to

integrate with other applications and services securely using Business Events, OData and the Service Bus Extend and hook into standard processes safely using Chain of Command Book Description Dynamics 365 Finance and Supply Chain Management is Microsoft's ERP solution, which can be implemented as a cloud or on-premise solution to facilitate better decision-making with the help of contemporary, scalable ERP system tools. This book is updated with the latest features of Dynamics 365 Finance and Supply Chain Management including Chain of Command (CoC), Acceptance Test Libraries (ATL), and Business Events. The book not only features more than 100 tutorials that allow you to create and extend business solutions, but also addresses specific problems and offers solutions with insights into how they work. This cookbook starts by helping you set up a Azure DevOps project and taking you through the different data types and structures used to create tables. You will then gain an understanding of user interfaces, write extensible code, manage data entities, and even model Dynamics 365 ERP for security. As you advance, you'll learn how to work with various in-built Dynamics frameworks such as SysOperation, SysTest, and Business Events. Finally, you'll get to grips with automated build management and workflows for better application state management. By the end of this book, you'll have become proficient in packaging and deploying end-to-end scalable solutions with Microsoft Dynamics 365 Finance and Supply Chain Management. What you will learn Understand the importance of using patterns and frameworks for creating unique solutions Write code that can make your solution extendable Leverage new frameworks that allow your solution to adapt as your business grows Design the UI and business logic to fit standard patterns Understand how to not only write unit tests, but also perform efficient unit testing to automate the testing process Design your security model and policies to provide code access privileges Who this book is for This Dynamics 365 book is for anyone who wants to learn Dynamics 365 Finance and Supply Chain Management development or migrate from C# or Microsoft Dynamics AX 2012 (or prior) development. Although finance and Supply Chain Management experience is not necessary, a background in software development is required. You will also need access to Microsoft's Lifecycle Services to download the necessary development tools.

Boost your accounting and financial skills with Microsoft Dynamics 365 Key Features Make real-time data-driven decisions for your enterprise with Microsoft Dynamics 365 Enterprise edition Configure and set up the Microsoft Dynamics 365 financial module via highly useful tips and tricks Administer customer relations and plan enterprise resources with this systematic guide Book Description Microsoft Dynamics 365 for finance and operations is a rapidly growing application and is widely used in enterprise organizations. Because of its ability to maximize business productivity, it is a fast-growing business application package in the ERP market. We will start by looking into ERP concepts, implementation needs, and interface design, giving you basic knowledge of financial management aspects and explaining key concepts along the way. To begin with, you'll be taken through the general ledger and financial dimension functions. You'll later learn about the sales tax mechanism and multi-currency in Microsoft Dynamics 365. We tackle each topic with focused examples and explanations on topics such as payable/receivable accounts, forecasting, cash and bank management, budgeting planning/control, and fixed assets. Finally, we walk you through intercompany, consolidation, costing basics, and financial reporting. By the end of this book, your finance team will have a much

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richer understanding of Microsoft Dynamics 365 for finance and operations and its powerful capabilities. What you will learn
Examine the business logic behind the financial functionalities of Microsoft Dynamics 365 FFO Set up and configure the core modules of financial management Grasp the key control points of financial management Explore intercompany and consolidation in Microsoft Dynamics 365 FFO Understand multi-currency sales, tax mechanisms, and budgeting capabilities in Microsoft Dynamics 365 FFO Get to grips with month/year-end period close functionality Understand the account payable and receivable module Use Microsoft Dynamics 365 to create financial reports Who this book is for This book is for application consultants, solution architects, controllers, CFOs, pre-sales and other professionals who are involved in a Microsoft Dynamics 365 for finance and operation implementation. Basic knowledge of financial terms, concepts, and terminologies is required.

Confidently shepherd your organization's implementation of Microsoft Dynamics 365 to a successful conclusion In Mastering Microsoft Dynamics 365 Implementations, accomplished executive, project manager, and author Eric Newell delivers a holistic, step-by-step reference to implementing Microsoft's cloud-based ERP and CRM business applications. You'll find the detailed and concrete instructions you need to take your implementation project all the way to the finish line, on-time, and on-budget. You'll learn: The precise steps to take, in the correct order, to bring your Dynamics 365 implementation to life What to do before you begin the project, including identifying stakeholders and building your business case How to deal with a change management throughout the lifecycle of your project How to manage conference room pilots (CRPs) and what to expect during the sessions Perfect for CIOs, technology VPs, CFOs, Operations leaders, application directors, business analysts, ERP/CRM specialists, and project managers, Mastering Microsoft Dynamics 365 Implementations is an indispensable and practical reference for guiding your real-world Dynamics 365 implementation from planning to completion.

Get answers to common questions about setting up the design environment and building custom solutions with Microsoft Dynamics CRM. Delve into core architecture, tools, and techniques, and learn how to exploit powerful customization features. Authored by industry-leading experts, this book shows how to deliver intelligent CRM solutions that meet the unique challenges and requirements of your business. Discover how to: Set up the development environment Enhance the product's APIs with your own code Execute business logic using plug-ins Build custom workflows that extend native workflow functions Create user-friendly integration with scripts and application extensions Code custom pages optimized for Microsoft Outlook with Offline Access Extend Microsoft Dynamics CRM using ASP.NET Create advanced Windows Workflow Foundation solutions Extend multilingual and multicurrency features Construct a custom security-access solution Get code samples on the Web.

Mastering Microsoft Dynamics 365 Business Central is a comprehensive solution which will help you in managing end-to-end business requirements with its features to connect to your financials, sales, service, and operations to streamline business processes. This book will help you in advancing with developing the solutions for your customers ...

Gain useful insights to help you efficiently build, test, and migrate customized solutions on Business Central cloud and on-premise platforms
Key Features Explore enhanced functionalities and development best practices in Business Central Develop powerful Business Central

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projects using the AL language Master the new Business Central with easy-to-follow recipes Book Description Microsoft Dynamics 365 Business Central is a complete business management solution that can help you streamline business processes, connect individual departments in your company, and enhance customer interactions. Ok. That first part was really professional sounding, right? Now, let's get into what this cookbook is going to do for you: put simply, it's going to help you get things done. This book will help you get to grips with the latest development features and tools for building applications using Business Central. You'll find recipes that will guide you in developing and testing applications that can be deployed to the cloud or on-premises. For the old-schoolers out there, you'll also learn how to take your existing Dynamics NAV customizations and move them to the new AL language platform. Also, if you haven't figured it out already, we're going to be using very normal language throughout the book to keep things light. After all, developing applications is fun, so why not have fun learning as well! What you will learn Build and deploy Business Central applications Use the cloud or local sandbox for application development Customize and extend your base Business Central application Create external applications that connect to Business Central Create automated tests and debug your applications Connect to external web services from Business Central Who this book is for This book is for Dynamics developers and administrators who want to become efficient in developing and deploying applications in Business Central. Basic knowledge and understanding of Dynamics application development and administration is assumed.

Have the best tools at your fingertips to extend and maximize the efficiency of your business management About This Book Follow practical and easy-to-grasp examples, illustrations and coding to make the most out of Dynamics 365 for Operations in your business scenario Extend Dynamics 365 for Operations in a cost-effective manner by using tools you already have Solve common business problems with the valuable features of Dynamics 365 for Operations Who This Book Is For This book is for those who are getting to grips with Dynamics 365 for Operations developers or those migrating from C# development. The guide includes information essential for new and experienced Dynamics 365 for Operations developers. What You Will Learn Create enumerated and extended data types Understand the importance of using patterns and frameworks while creating a unique concept for your solution Service and deploy your code and packages to improve performance Write and perform unit tests to automate the testing process Design your security model and policies to provide code access privileges Construct the UI and business logic to add Power BI to dashboards In Detail Dynamics 365 for Operations is the ERP element of Microsoft's new Dynamics 365 Enterprise Edition. Operations delivers the infrastructure to allow businesses to achieve growth and make better decisions using scalable and contemporary ERP system tools. This book provides a collection of "recipes" to instruct you on how to create—and extend—a real-world solution using Operations. All key aspects of the new release are covered, and insights into the development language, structure, and tools are discussed in detail. New concepts and patterns that are pivotal to elegant solution designs are introduced and explained, and readers will learn how to extend various aspects of the system to enhance both the usability and capabilities of Operations. Together, this gives the reader important context regarding the new concepts and the confidence to reuse in their own solution designs. This "cookbook" provides the ingredients and methods needed to maximize the efficiency of your business management using the latest in ERP software—Dynamics 365 for Operations. Style and approach The book takes a practical recipe-based approach, focusing on real-world scenarios and giving you all the information you need to build a strong Dynamics 365 for Operations implementation.

More than 80 recipes to help you leverage the various extensibility features available for Microsoft Dynamics and solve problems easily About This Book Customize, configure, and extend the vanilla features of Dynamics 365 to deliver bespoke CRM solutions fit for any organization Implement business logic using point-and-click configuration, plugins, and client-side scripts with MS Dynamics 365 Built a DevOps pipeline

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as well as Integrate Dynamics 365 with Azure and other platforms Who This Book Is For This book is for developers, administrators, consultants, and power users who want to learn about best practices when extending Dynamics 365 for enterprises. You are expected to have a basic understand of the Dynamics CRM/365 platform. What You Will Learn Customize, configure, and extend Microsoft Dynamics 365 Create business process automation Develop client-side extensions to add features to the Dynamics 365 user interface Set up a security model to securely manage data with Dynamics 365 Develop and deploy clean code plugins to implement a wide range of custom behaviors Use third-party applications, tools, and patterns to integrate Dynamics 365 with other platforms Integrate with Azure, Java, SSIS, PowerBI, and Octopus Deploy Build an end-to-end DevOps pipeline for Dynamics 365 In Detail Microsoft Dynamics 365 is a powerful tool. It has many unique features that empower organisations to bridge common business challenges and technology pitfalls that would usually hinder the adoption of a CRM solution. This book sets out to enable you to harness the power of Dynamics 365 and cater to your unique circumstances. We start this book with a no-code configuration chapter and explain the schema, fields, and forms modeling techniques. We then move on to server-side and client-side custom code extensions. Next, you will see how best to integrate Dynamics 365 in a DevOps pipeline to package and deploy your extensions to the various SDLC environments. This book also covers modern libraries and integration patterns that can be used with Dynamics 365 (Angular, 3 tiers, and many others). Finally, we end by highlighting some of the powerful extensions available. Throughout we explain a range of design patterns and techniques that can be used to enhance your code quality; the aim is that you will learn to write enterprise-scale quality code. Style and approach This book takes a recipe-based approach, delivering practical examples and use cases so that you can identify the best possible approach to extend your Dynamics 365 deployment and tackle your specific business problems.

Over 80 effective recipes to help you solve real-world Microsoft Dynamics 365 for Finance and Operations development problems About This Book* Learn all about the enhanced functionalities of Dynamics 365 for Finance and Operations and master development best practices* Develop powerful projects using new tools and features* Work through easy-to-understand recipes with step-by-step instructions and useful screenshots Who This Book Is For If you are a Dynamics AX developer primarily focused on delivering time-proven applications, then this book is for you. This book is also ideal for people who want to raise their programming skills above the beginner level, and at the same time learn the functional aspects of Dynamics 365 for Finance and Operations. Some X++ coding experience is expected. What You Will Learn* Explore data manipulation concepts in Dynamics 365 for Operations* Build scripts to assist data migration processes* Organize data in Dynamics 365 for Operations forms* Make custom lookups using AOT forms and dynamically generate them from X++ code* Create a custom electronic payment format and process a vendor payment using it* Integrate your application with Microsoft Office Suite and other external systems using various approaches* Export and import business data for further distribution or analysis* Improve your development efficiency and performance In Detail Microsoft Dynamics 365 for Finance and Operations has a lot to offer developers. It allows them to customize and tailor their implementations to meet their organization's needs. This Development Cookbook will help you manage your company or customer ERP information and operations efficiently. We start off by exploring the concept of data manipulation in Dynamics 365 for Operations. This will also help you build scripts to assist data migration, and show you how to organize data in forms. You will learn how to create custom lookups using Application Object Tree forms and generate them dynamically. We will also show you how you can enhance your application by using advanced form controls, and integrate your system with other external systems. We will help you script and enhance your user interface using UI elements. This book will help you look at application development from a business process perspective, and

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develop enhanced ERP solutions by learning and implementing the best practices and techniques. Style and approach The book follows a practical recipe-based approach, focusing on real-world scenarios and giving you all the information you need to build a strong Dynamics 365 for Finance and Operations implementation.

Power BI Data Analysis and Visualization provides a roadmap to vendor choices and highlights why Microsoft's Power BI is a very viable, cost effective option for data visualization. The book covers the fundamentals and most commonly used features of Power BI, but also includes an in-depth discussion of advanced Power BI features such as natural language queries; embedding Power BI dashboards; and live streaming data. It discusses real solutions to extract data from the ERP application, Microsoft Dynamics CRM, and also offers ways to host the Power BI Dashboard as an Azure application, extracting data from popular data sources like Microsoft SQL Server and open-source PostgreSQL. Authored by Microsoft experts, this book uses real-world coding samples and screenshots to spotlight how to create reports, embed them in a webpage, view them across multiple platforms, and more. Business owners, IT professionals, data scientists, and analysts will benefit from this thorough presentation of Power BI and its functions.

Introduction to Human Resource Management in Microsoft Dynamics 365 for Operations based on complete business process of the human resource management, including detailed customization for Consultants, Department Managers, Application Managers and Chief Technology Officers. Leading know-how from experts with a value of € 1.200,- of a whole workshop day to understand core processes, system settings and how to post transactions in the system.

For those new to SharePoint Online, as well as those who have worked with previous versions of the SharePoint platform, this guide is intended to give concrete steps to rapidly understand how to configure, develop, and administrate solutions in this new environment. SharePoint Online Development, Configuration, and Administration puts forth the most efficient way to get up to speed on the platform. This book, packed with value, provides clear, concise information about all of the common portions of SharePoint that you would need to work with - including WebParts, reporting, site management, administration and licensing with O365, and workflows using Microsoft Flow. These tips from a seasoned developer will teach you how to Work with Sites, Lists, Permissions, Access, and other core functionality Make customizations to the look and feel of SharePoint Online Understand Web Part development and deployment Develop Microsoft Flow processes for business process automation Utilize Reporting functionality available in O365 Look at the many options for administrating SharePoint components

Microsoft Power Apps Cookbook is a complete resource filled with meticulously crafted recipes to help you build customized business apps that meet ever-changing enterprise demands. You will learn how to design modern apps with the low-code approach in a rapid application development environment by achieving enterprise-wide business agility.

Harness the power of Dynamics 365 Operations and discover all you need to implement it About This Book Master all the necessary tools and resources to evaluate Dynamics 365 for Operations, implement it, and proactively maintain it. Troubleshoot your problems effectively with your Dynamics 365 partner Learn about architecture, deployment choices, integration, configuration and data migration, development, testing, reporting and BI, support, upgrading, and more. Who This Book Is For This book is for technology leaders, project managers solution architects, and consultants who are planning to implement, are in the process of implementing, or are currently upgrading to Dynamics 365 for Operations. This book will help you effectively learn and implement

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Dynamics 365 for Operations. What You Will Learn Learn about Microsoft Dynamics 365, its offerings, plans and details of Finance and Operations, Enterprise edition Understand the methodology and the tool, architecture, and deployment options Effectively plan and manage configurations and data migration, functional design, and technical design Understand integration frameworks, development concepts, best practices, and recommendations while developing new solutions Learn how to leverage intelligence and analytics through Power BI, machine learning, IOT, and Cortana intelligence Master testing, training, going live, upgrading, and how to get support during and after the implementation In Detail Microsoft Dynamics 365 for Finance and Operations, Enterprise edition, is a modern, cloud-first, mobile-first, ERP solution suitable for medium and large enterprise customers. This book will guide you through the entire life cycle of a implementation, helping you avoid common pitfalls while increasing your efficiency and effectiveness at every stage of the project. Starting with the foundations, the book introduces the Microsoft Dynamics 365 offerings, plans, and products. You will be taken through the various methodologies, architectures, and deployments so you can select, implement, and maintain Microsoft Dynamics 365 for Finance and Operations, Enterprise edition. You will delve in-depth into the various phases of implementation: project management, analysis, configuration, data migration, design, development, using Power BI, machine learning, Cortana analytics for intelligence, testing, training, and finally deployment, support cycles, and upgrading. This book focuses on providing you with information about the product and the various concepts and tools, along with real-life examples from the field and guidance that will empower you to execute and implement Dynamics 365 for Finance and Operations, Enterprise edition. Style and approach This book is a step-by-step guide focusing on implementing Dynamics 365 Operations solutions for your organization.

"This course demonstrates the new features released with Microsoft Dynamics 365 Customer Engagement. Using the new Unified User Interface, this course uses a sample application to show how to build complex extensions to the Dynamics 365 for Customer Engagement platform using C# Plugins/Workflow Activities as well as TypeScript generated web resources. Starting off, the course makes sure you have everything setup for fast and effective collaborative development and a mature Continuous Integration pipeline using Microsoft Team Services, npm, Nuget & Gulp. This includes automated unit testing of both server-side and client-side code as well as packaging and deploying of your solutions. It then teaches you a framework for effective data modeling of entities within Dynamics 365 and how functionality can be built up in iterations using user story mapping. Learn about base currencies, to ensure that your custom apps do not run into any challenges as they grow in complexity and usage. The logical and physical architecture of integration with external systems is examined using the new Web-Hooks and Virtual Entity features, allowing data to be both consumed and output in a robust and efficient fashion. The new Xrm client API features of the Unified Client provide exciting new ways of extending your forms and grids which are demonstrated using the sample application being built. You'll then learn to extend your Microsoft Dynamics 365 Customer Engagement business applications using HTML, TypeScript, and CSS using KnockoutJS via the MVVM design pattern so that your logic can be unit tested and deployed with easy and effortless repeatability. This course also covers the considerations for mobile touch interfaces so that your feature rich

extensions will work on all devices and formats."--Resource description page.

- This is the latest practice test to pass the MB-240 Microsoft Dynamics 365 for Field Service Exam. - It contains 59 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

A comprehensive guide packed with the latest features of Dynamics 365 for customer relationship management Key Features Create efficient client-side apps and customized plugins that work seamlessly Learn best practices from field experience to use Dynamics 365 efficiently Unleash the power of Dynamics 365 to maximize your organization's profits Book Description Microsoft Dynamics 365 is an all-in-one business management solution that's easy to use and adapt. It helps you connect your finances, sales, service, and operations to streamline business processes, improve customer interactions, and enable growth. This book gives you all the information you need to become an expert in MS Dynamics 365. This book starts with a brief overview of the functional features of Dynamics 365. You will learn how to create Word and Excel templates using CRM data to enable customized data analysis for your organization. This book helps you understand how to use Dynamics 365 as an XRM Framework, gain a deep understanding of client-side scripting in Dynamics 365, and create client-side applications using JavaScript and the Web API. In addition to this, you will discover how to customize Dynamics 365, and quickly move on to grasp the app structure, which helps you customize Dynamics 365 better. You will also learn how Dynamics 365 can be seamlessly embedded into various productivity tools to customize them for machine learning and contextual guidance. By the end of this book, you will have mastered utilizing Dynamics 365 features through real-world scenarios. What you will learn Manage various divisions of your organization using Dynamics 365 customizations Explore the XRM Framework and leverage its features Provide an enhanced mobile and tablet experience Develop client-side applications using JavaScript and the Web API Understand how to develop plugins and workflows using Dynamics 365 Explore solution framework improvements and new field types Who this book is for Mastering Microsoft Dynamics 365 Customer Engagement is for you if you have knowledge of Dynamics CRM and want to utilize the latest features of Dynamics 365. This book is also for you if you're a skilled developer looking to move to the Microsoft stack to build business solution software. Extensive Dynamics CRM development experience will be beneficial to understand the concepts covered in this book.

Deploy web applications on Azure using DevOps tools. This book gives solutions to real-world Cloud deployment scenarios which will enable you to become adept in DevOps work for Azure. You'll start by seeing an overview of DevOps for Azure deployments where you will also survey the available tools, including Octopus Deploy and TeamCity. Here, you will learn how to use TeamCity as a CI tool and Octopus Deploy as release-management and CD software to get your package deployed on Azure Web Application. Next, the authors demonstrate using the Microsoft Visual Studio Team Services (VSTS) integrated developer platform. Finally, you will go through some real-world scenarios using DevOps tools to deploy web applications on Azure. To do this, you will create resources in Azure and integrate with an open source buildout. After reading this book, you will be ready to use various

tools in a DevOps environment to support an Azure deployment. What You Will Learn Carry out a survey of DevOps tools Build a DevOps solution using standalone DevOps tools – TeamCity and Octopus Deploy Use an integrated DevOps platform – VSTS Build out an Azure deployment using open source code and VSTS Who This Book Is For Developers and release engineers. Also, project managers will find it useful to understand the workflow in DevOps.

Discover the endless capabilities and end-to-end project management functionalities of Dynamics 365 Project Operations to drive your firm's project success and ensure rapid business growth in the competitive digital economic world Key Features Deliver successful projects via improved collaboration, visibility, and teamwork using Microsoft Project Operations solutions Gain real-time data insights to modernize business strategies to increase market share Build the right project operations models to meet business needs with an optimized budget Book Description Dynamics 365 Project Operations is a game-changing solution set for project-driven businesses that allows you to deliver commercially successful projects in a timely and cost-effective manner, keeping the project teams productive and collaborative. With this book, you'll find out how you can bring more value to the business by winning new projects and driving exponential revenue growth. Starting with the key principles of Project Operations, you'll understand how it improves project planning and execution. You'll then learn how to successfully deploy Project Operations along with different integration strategies and get to grips with the best approach for sales through project opportunities, project contracts, and pricing workflow implementation. This book will guide you through setting up direct staffing and centralized staffing models and enable you to manage project changes confidently by getting hands-on with project timeline management, pricing management, resource assignments, and modifications. In the final chapters, you'll find out how to use Project Operations effectively for project accounting and finance. By the end of this book, you'll have gained the confidence to deliver profitable projects in a well-connected organization through efficient decision-making and successful customer-client relationships. What you will learn Configure key elements of Project Operations to drive improved collaboration with your customers Discover how Project Operations is interconnected with Microsoft 365 and Dynamics 365 Platform Understand the Project Opportunity-to-Quote-to-Contract workflow and its implications for selling Find out how to set up and utilize direct staffing and centralized staffing models Explore Project Timeline Management using Task, Board, and Timeline views Find out how information flows to finance and operations in Project Operations Who this book is for This book is for project managers, project leads, business consultants, and business leaders who want to gain a competitive edge by delivering successful projects in a shorter time span with the help of effective operations and workflows across different teams within projects. Knowledge of Microsoft 365 and a sound understanding of business acumen and sales through the delivery process is necessary to get the most out of this book.

Fundamentals of CRM with Microsoft Dynamics 365 and Power Platform is a practical guide that will take you through all the essential components of Dynamics 365. This book will show you how Dynamics 365 leverages and extends the Power Platform capabilities to build effective business solutions customized to meet your organization's needs.

Dynamics 365 Application Development Master professional-level CRM application development for Microsoft Dynamics 365 Packt

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Selecting the right architecture enables organizations to deliver a successful business solution that can boost customer engagement and growth. With this comprehensive guide, you'll learn architectural best practices and methodologies for implementing an enterprise-grade solution tailored for your business needs using Microsoft Power Platform

Implement Business Central and explore methods to upgrade to NAV 2018 Key Features Learn the key roles of Dynamics NAV partner and the roles within your customer's organization Create configuration packages and perform data migration Explore Microsoft Dynamics 365 Business Central to use Dynamics NAV 2018 functionalities in the Cloud Book Description Microsoft Dynamics Business Central is a full business solution suite and a complete ERP solution, which contains a robust set of development tools; these tools can help you to gain control over your business and can simplify supply chains, manufacturing, and operations. Implementing Microsoft Dynamics 365 Business Central On-Premise covers the latest features of Dynamics Business Central and NAV from the end users' and developers' perspectives. It also provides an insight into different tools available for implementation, whether it's a new installation or migrating from the previous version of Dynamics NAV. This book will take you from an introduction to Dynamics NAV 2018 through to exploring all the techniques related to implementation and migration. You will also learn to expand functionalities within your existing Microsoft Dynamics NAV installation, perform data analysis, and implement free third-party add-ons to your existing installation. As you progress through the book, you will learn to work with third-party add-on tools. In the concluding chapters, you will explore Dynamics 365 Business Central, the new Cloud solution based on the Microsoft NAV platform, and techniques for using Docker and Sandbox to develop applications. By the end of the book, you will have gained a deep understanding of the key components for successful Dynamics NAV implementation for an organization. What you will learn Explore new features introduced in Microsoft Dynamics NAV 2018 Migrate to Microsoft Dynamics NAV 2018 from previous versions Learn abstract techniques for data analysis, reporting, and debugging Install, configure, and use additional tools for business intelligence, document management, and reporting Discover Dynamics 365 Business Central and several other Microsoft services Utilize different tools to develop applications for Business Central Who this book is for Implementing Microsoft Dynamics 365 Business Central On-Premise is for Dynamics NAV partners and end users who want to know everything about Dynamics NAV implementation. This book is for you if you want to be a project manager or get involved with Dynamics NAV, but do not have the expertise to write code yourself. This book can also help you to understand the need to move to Business Central and its advantages.

Customize your NAV applications About This Book Gain from the insights and methods of industry-leading experts and tailor your applications to best suit the needs of your business Learn through the detailed explanations and useful examples that are presented in a logical, step-by-step manner This comprehensive guide is written with the goals of being used as a classroom text, a self-study text, and as a handy in-depth reference guide Who This Book Is For This book will appeal to all those who want to learn about NAV's powerful and extensive built-in development capabilities. It assumes that you understand programming and are

familiar with business application software, although you aren't expected to have worked with NAV before. ERP consultants and managers of NAV development will also find the book helpful. What You Will Learn Productively and effectively use the development tools that are built into Dynamics NAV Understand the strengths of NAV's development tools and how they can be applied to address functional business requirements Introduction to programming using the C/AL language in the C/SIDE Development Environment Explore functional design and development using C/AL Leverage advanced NAV development features and tools Get to know the best practices to design and develop modifications of new functionality integrated with the standard NAV software In Detail Microsoft Dynamics NAV is a full business solution suite, and a complete ERP solution, which contains a robust set of development tools to support customization and enhancement. These tools help in greater control over financials and can simplify supply chain, manufacturing, and operations. This book will take you from an introduction to Dynamics NAV and its integrated development tools to being a productive developer in the Dynamics NAV Development Environment. You will find this book very useful if you want to evaluate the product's development capabilities or need to manage Dynamics NAV based projects. It will teach you about the NAV application structure, the C/SIDE development environment, the C/AL language paired with the improved editor, the construction and uses of each object type, and how it all fits together to build universal applications. With this new edition, you will be able to understand how to design and develop using Patterns and new features such as Extensions and Events. Style and approach This book is filled with examples and will serve as a comprehensive reference guide, complementing NAV's Help files.

Gain hands-on experience working with the architecture, implementation, deployment, and data migration of Dynamics 365 Customer Engagement Key Features Explore different tools to evaluate, implement, and proactively maintain Dynamics 365 for CE Integrate Dynamics 365 CE with applications such as Power BI, PowerApps, and Microsoft Power Automate Design application architecture, explore deployment choices, and perform data migration Book Description Microsoft Dynamics 365 for Customer Engagement (CE) is one of the leading customer relationship management (CRM) solutions that help companies to effectively communicate with their customers and allows them to transform their marketing strategies. Complete with detailed explanations of the essential concepts and practical examples, this book will guide you through the entire life cycle of implementing Dynamics 365 CE for your organization or clients, and will help you avoid common pitfalls while increasing efficiency at every stage of the project. Starting with the foundational concepts, the book will gradually introduce you to Microsoft Dynamics 365 features, plans, and products. You'll learn various implementation strategies and requirement gathering techniques, and then design the application architecture by converting your requirements into technical and functional designs. As you advance, you'll learn how to configure your CRM system to meet your organizational needs, customize Dynamics 365 CE, and extend its capabilities by writing client-side and server-side code. Finally, you'll integrate Dynamics 365 CE with other applications and explore its business intelligence capabilities. By the end of this Microsoft Dynamics 365 book, you'll have gained an in-depth understanding of all the key components necessary for successful Dynamics 365 CE implementation. What you will learn Explore

File Type PDF Dynamics 365 Application Development Master Professional Level Crm Application Development For Microsoft Dynamics 365

the new features of Microsoft Dynamics 365 CE Understand various project management methodologies, such as Agile, Waterfall, and DevOps Customize Dynamics 365 CE to meet your business requirements Integrate Dynamics 365 with other applications, such as PowerApps, Power Automate, and Power BI Convert client requirements into functional designs Extend Dynamics 365 functionality using web resources, custom logic, and client-side and server-side code Discover different techniques for writing and executing test cases Understand various data migration options to import data from legacy systems Who this book is for This book is for consultants, project managers, administrators, and solution architects who want to set up Microsoft Dynamics 365 Customer Engagement in their business. Although not necessary, basic knowledge of Dynamics 365 will help you get the most out of this book.

This book focuses on how Microsoft Dynamics 365 for Operations supports master planning to coordinate supply chain management (SCM) in manufacturing businesses. It covers the essential capabilities of master planning as well as additional considerations for different functional areas and manufacturing scenarios. The targeted reader consists of SCM professionals that need to learn the master planning capabilities for running a manufacturing business, and want to employ standard functionality as much as possible. With few exceptions, the book contents also apply to the previous version of Dynamics AX 2012 R3.

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