**Rajashekar**

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**Professional Summary:**

* **Proficient** **around 8 years** of professional experience as a **C#**.**NET/MS Dynamics CRM Developer** in analysis, design and implementation of web based, windows based client-server applications in Microsoft Technologies using **C#,** VB, Classic ASP, **ASP.NET**, **VB.NET, ADO.NET**, **WinForms,** **MVC**, Web Forms, **SQL** **Server**, **Oracle,** **Web Services**, VMWARE, Windows Services, **XSLT** and **Crystal Reports**.
* Around **5+years** of experience on **Microsoft Dynamic CRM** 4.0, 2011, 2013, 2015 and 2016.
* Having exposure to and involvement in different phases of the software Development Life Cycle (**SDLC**), testing, deployment, installation and user training of software and database design.
* Well versed in X++ best practices, Model store deployments & **Morph X** development and worked on various versions of **Microsoft Dynamics** like **AX 2012**, **AX 2009.**
* Expertise in designing ASP.NET based Graphical User Interfaces with **CSS**, **JavaScript**, **AJAX**, **jQuery**, **AngularJS**, **Bootstrap**, **Multithreading** and **HTML**.
* Migrating projects from **Dynamics AX 2009** to **Dynamics AX 2012 R3** application.
* Prepare Technical specifications for customizations required during a **Dynamics AX** implementation.
* Customized **MS Dynamics CRM 2016/ 2015** application based on the business requirement.
* Used **MS Dynamics CRM 2016/2015** Customization tools to customize system components such as forms, views, attributes, relationships, and entity mappings.
* Experienced in Installation and configuration of **Microsoft Dynamics AX 2012**.
* Experience with Object Oriented programming (**OOP's**) methodologies, Design Patterns including Model View Controller (**MVC**) and their implementation using polymorphism, inheritance and encapsulation.
* Expertise in developing **Master Pages**, **CSS** to separate content of document from its presentation, **JavaScript** to perform Client-side validation and **AJAX** to develop interactive web applications.
* Developed **Stored Procedures**, **Triggers** and development of Database Objects using **PL/SQL**, **T-SQL** in **SQL Server**.
* Experience in **Software Configuration Management** (Daily Build, Release and testing methodology) Using tools like Team Foundation Server (**TFS**), Microsoft Visual Source Safe (**VSS**) and **GitHub**.
* Proven skills in **D365** architecture, extensions and upgrade.
* Involved in **Unit Testing** and created test cases using testing tools including **N-Unit** and **Jasmine**.
* Experience in developing the data access components using **ADO.Net** Objects and ADO.Net **Entity Framework** Components with **LINQ** to Entity Queries.
* Experience in Client-Side **debugging** tools such as **Firebug**, **Fiddler** and **SOAP UI**
* Strong knowledge of object oriented concepts and experience working with languages like **C#**, C++ and Java.
* Developed **ASP.NET MVC 4** applications using Code First Approach in Entity Framework 4 and UI in **Razo**r **View Engine** and have experience with the **MVC Architecture**.
* Design and GUI development in Windows Presentation Foundation(**WPF**) and Windows Forms
* Proficient in building Web Applications using **HTML5**, **XML**, **AJAX**, **JavaScript** (jQuery, **AngularJS**), **Bootstrap** and **CSS** in a Client/Web Server environment.
* Implemented various features throughout the project and handled change requests using **ASP.Net**, **C#,** **XML**, Web services and **jQuery**.
* Experience in working with **WCF** Services and XML Web Services using **SOAP** and **WSDL** following **SOA** in a distributed environment.
* Writing **Stored Procedures** and User Defined Scalar Functions (UDFs) to be used in the **SSIS** packages SQL Scripts.
* Used **SSIS** to manipulate data to integrate the SQL Server database into larger processes
* Designed and Developed reports using **SSRS**. Reports were developed against a variety of data sources which included **SSRS**.
* Created **LINQ** enabled database layer using **API** such as **LINQ** to SQL and **Entity Framework**.
* Experience in deployment using **IIS** Application Servers.
* Experience in creating SPA pages with **AngularJS**.
* A Good team player with excellent communication and inter-personal skills with a positive attitude towards work, loyalty towards time schedules for worthful delivery.

**Technical Expertise:**

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| --- | --- |
| Languages | C, C#, .NET 3.5/4.0, VB.NET, XAML, JavaScript, jQuery, AngularJS, Bootstrap, Web Services, WCF, WPF, Remoting, Win Forms, Web Forms, SQL, T-SQL |
| .NET Technologies | Asp.net (5.0/4.0/3.5/2.0/1.1), MVC, MVVM, Entity Framework, Identity, Web Forms, Web Controls, Custom Controls, User Controls, Web Services, Ajax, ADO.net, WCF |
| Development Tools | Microsoft Visual Studio 2005, 2010, 2013, Eclipse, MS Dynamics CRM, 2011, 2013, 2015, 2016 |
| Designing Tools | Visio, Dream Weaver, Flash 5.0, Adobe Photoshop CS5, Flex builder 4 |
| Databases | Microsoft SQL Server 2008/2013/2014, R2, Oracle 10g. |
| Packages | MS Office 2007, 2010, 2016. |
| Operating Systems | Windows XP, Vista, 7, Linux (Ubuntu)/UNIX. |

**Professional Experience:**

**Sammons Financial Group, Sioux Falls, SD March 2017 – June 2018**

**Title: Microsoft Dynamics AX/.Net Developer**

**Responsibilities:**

* As a **Microsoft Dynamics AX** consultant involved in designing new e-commerce solution using Magento e-commerce, **Dynamics AX 2012 R3**, **AX Retail** POS and Call Center functionality to support funeral service customer service and sales teams.
* Configure and implement **Dynamics 365** (D365) with a primary focus on General Ledger, Accounts Payable, Accounts Receivable, Budgeting and Fixed Assets.
* Responsible for **Microsoft Dynamics AX 2012** **R3** **Retail Module** Design high availability and Implement full life cycle of **E-Commerce** on Sitecore online store, SharePoint Farm and Brick and Mortar **Retail** Systems with **SQL Server 2014** Enterprise with Always On deployment.
* Worked on Accounts Payable Module for Procurement to Pay (P2P), Sales and Marketing Module for Order to cash (O2C), Inventory and Warehouse Management Module and Product Information Management Module.
* Demonstrated proficiency with Microsoft **.NET 3.5+** development using **C#**.
* Created **AX** Reports and **SSRS** reports for various financials using **Microsoft Dynamics AX** Cues and Functional lead for Retail **POS** implementation of **Microsoft Dynamics AX 2012** **R3**.
* Main modules I worked with included: Inventory management, Product information management, Production control, Warehouse management, Accounts payable, Accounts receivable etc.
* Developed sales order workflow in **D365**.
* Fixed all issues related to extension work in the latest **D365** release.
* Train developers in **D365**.
* Involved in writing **SSIS** packages for migrating data to **MS CRM** from **SQL** and generating reports using **SSRS** and experience in configuring **MS CRM** with **MS outlook** and SharePoint Integration.
* Business Intelligence Suite (SSIS, SSRS, SSAS) for **SQL Server 2008 R2**, **SQL Server 2014**.
* Design and developed **SSIS** packages, database objects, stored procedures and packages, views, tables, triggers and **ETL** code using coding standards and according to technical specifications.
* Involved in requirement gathering for Functional Design Document (FDD) based on sure step methodology.
* Also, involved in the design, development and support of Charge Code Assignment using **Microsoft Dynamics CRM 2013**, Scribe Insight, **SSRS**, **SQL Server**, and SharePoint Server 2010.
* Proposed and track IT Application budget for **ERP Microsoft Dynamics AX** Customizations and Implementation.
* Expertise in **SSRS** Reports development and developed various reports across all the modules in **AX**.
* Successfully Designed, Implemented and administrating **Microsoft Dynamics AX 2012** **R3** Retail Environment from Develop, Test, **UAT**, Stage and Production Environment with full high availability with load balancing configuration including **SQL** Always Feature.
* Worked on **AX & SQL** Performance tuning activities using **SQL** tracer, Profiler, data tuning tools. Implemented **IDMF** to perform data archive on production **SQL** database.
* Led in Customization, Upgrade, Implementation and Production Support of all **AX 2012 R3**, **R2** modules.
* Worked on **MS Dynamics AX** security, adding users, providing access, restricting users and security setup related solutions with Microsoft best practices in Security and performance.
* Functional demonstrations on **ERP**, closure of the negotiation, project management, participation in activities of the **ERP** **MS Dynamics AX** Implementation, support parameterization of the solution.
* Responsible for configuring product management, order processing and advanced warehouse modules in **Dynamics AX**.
* Played a key role in a team of **AX** functional and technical consultants and documented the as-is processes, technical design specifications through brainstorming meetings with outside consultants, key business users, subject matter experts and architects.
* Extensively worked on **Microsoft Dynamic AX 2012** security design and development.
* Analyze large data sets and patterns using **TSQL**, **Power BI**, advanced Excel models like Power Pivot and Power Query to identify opportunities and risks in current operations and define solutions in daily business.
* Configuring **AOS** Load balancing and **AX** cluster configurations,
* Deep understanding and configuring **Retail** **Headquarter,** Commerce Data Exchange which includes Real time service, ASync **Server/Client**, **Channel DB/Offline DBs**, **Retail Servers** and **Modern POS**.
* Configurations of **Retail Components** includes **Retail Scheduler** Jobs, **Retail Channels**, Channel data group, **Channel DBs** and **Catalogs.**
* **AX Codes XPOs**, Models, Model Store and Data Deployment Strategies and methods, utilizing **Microsoft Dynamics AX** management Utilizes and **PowerShell.** Data refresh from production to lower environment.
* Installation and administration of **Windows 2012 R2** Cluster with **SQL Server** Always On features. **AX SSRS** load balancing, Integration services and Analysis Service. Dynamics Management Reporters.
* Migrated **Microsoft SQL Server 2000** to **Microsoft SQL Server 2005**. Migrated **DTS** objects to **SQL Server** Integrated Services (SSIS) environment. Migrated Microsoft Analysis Services to **SQL Server Analysis Services** (SSAS)
* Customize **Dynamics CRM entities**, create multiple forms (security based) on entities, add custom JavaScript on form events, and add **web resources**, navigation links to achieve the business requirements.
* Involved in configuration of General Ledger (G/L) module, Chart of Accounts and Financial dimensions based on the requirement with the help of advance rule Structure.
* Involved in configuration of Account Receivable (A/R), payment schedule, terms of payment, payment day, cash discount, method of payment, posting profiles, customers and customer groups and collection cases.
* Involved in customization of forms, **SSRS Reports**, **mapping** of reports, imported data from **Excel** to **Dynamics AX**.

**Environment:** C#.NET,Dynamics AX 2012 R2, MS Dynamics CRM 2016/2015, CRM SDK, Windows Server 2012 R2, SSRS, ADO.NET, WCF, LINQ, jQuery, MS SQL Server Morph X, X++, Fiddler, SQL Profiler Tool, IIS 7.5, JavaScript, jQuery, XML, IIS, AJAX, GitHub, Source Depot, HTML 5, and CSS.

**Intermountain Health Care, Salt Lake City, UT March 2016 - Feb 2017**

**Title: Dynamic CRM/.Net Developer**

Microsoft dynamic CRM (customer relationship management) helps to track your customer interactions and data management. The project deals with supporting existing and creating new features for various versions of Microsoft CRM from the customer perspective. This project also addresses in fixing the various bugs and issues reported by customers on Microsoft CRM in various branches and modules.  
   
**Responsibilities:**

* Involved in initial requirement gathering. Played an active role in analyzing, documenting and designing the application.
* Played an active role in creating **business** document, **functional** document, **Technical** document.
* Made **C#** code changes to address the issues in product maintenance as part of the production support team.
* Served as the solutions developer for this new feature in **Dynamics Ax 2015**
* Extensively used C# for development and design of the Models and Data Access Layers with use of Generics, Events, Properties and Anonymous methods.
* Prepared SSRS Reports and developed various reports in **Microsoft Dynamics AX** using **Visual Studio** 2010.
* Part of code upgrade team of revenue recognition module from **AX 2012** to **D365.**
* Lead developer in moving all overlayered code from Revenue recognition module to **D365** extensions enabling sales of the same module to Microsoft.
* Expertise in Customization and Implementation of **AX 2012** modules.
* Imported data from Microsoft Excel to **Microsoft Dynamics AX**.
* Developed and implemented **Microsoft Dynamics AX** for multiple sites and systems.
* Designed different components using **C#** and **Script Sharp** language with extensive use of **Object Oriented Programming Techniques (OOPS)**like Abstract Classes, polymorphism, Interfaces etc.
* Worked with **ASP.NET** Web Forms, **Web Services**, and **State Management**, **caching features**, configuring optimizations and securing the web application.
* Worked on **stored procedures**, **triggers** and **functions** on SQL Server 2014.
* Integrated CRM with **Outlook**, **Yammer**, **SharePoint**and **document management systems**.
* Extensively worked on **customizations of the CRM forms** depending on the client requirements like creating and modifying CRM entities, writing events for fields on the form (Normal and Quick Create).
* Obtained data from **CRM** via **SDK calls** to use it in other web applications.
* Modified the **ribbons**, **sitemaps** depending on the customer requirements.
* Created different types of **dashboards** based on SSRS for different entities.
* Created **business process flows**, **workflows**, **dialogs** and **actions** for different entities.
* Created **plugins** for supporting business operations on different entities for **CURD** operation.
* Worked on the creating various roles and privileges for users and teams.
* Created and imported **managed and unmanaged solutions** for the customizations made on the **CRM**.
* Installed and provisioned **MUI** (Language Packs) for CRM.
* Worked on various versions of **CRM** like Leo (2013), Vega (2015), Carina (2015), Ara (2016), Naos (2016) and Centaurus (2017).
* Experience on developing latest version of Object Oriented JavaScript Libraries like Angular JS, REACTJS.
* Worked on **MoCA** (CRM for Tablet Client) using **REACTJS** to provide quick view of information to the customer.
* Used **SQL Profiler Tool** for tracing and analyzing the calls made to the database.  
  Extensively used User interface controls which use **JavaScript** and **jQuery** to validate client-side validation.
* Training new resources for Setting up **AX** retail environment and **POS** customization using POS plug-in.
* Intensive use of **Cascading Style Sheets (CSS)** and **HTML5** to design look and feel of the web pages.
* Tested, published and hosted the live web application on **IIS (Internet Information Services).** Maintained and configured the existing **IIS** and **.NET environment**.
* Used **Fiddler** and browser **developer tools** for emulation, debugging, performance analysis and testing the CRM scripts and pages.
* Used **GitHub** and **Source Depot** for source control and for maintaining centralized code repository.
* Used tools like **bugger** for planning and tracking the team’s work.
* Implemented appropriate error handlers for Run Time and Design Time Errors using **C#.NET**
* Fixed **bugs** and problems for design, CSS, HTML, and JavaScript.
* Developed Sample Code for various usages of Connection Manager, Multi-threading, Windows **Mobile** **SDK** and **socket** **programming**.
* Worked with **jQuery** and **typescript** for the development of the UI.
* Developed View Models using **Typescript**. Updated dashboard front end to support multiple dashboards and their **CRUD** operations using **typescript**.
* Worked on Machine Translation team to architect/build web based translator system hosted on Windows **Azure**.
* Implemented Multithreading Concepts to improve the application Performance.
* Configure **Azure** **cloud** service for end-point deployment, Deployed **WCF** services on **Azure** **cloud**.

**Environment:** Visual Studio 2015, Visual Studio 2013, SQL Server 2014, ASP.Net 4.0, C#, TypeScript, Dynamic CRM, CRM SDK, MS Dynamics CRM 2015, Microsoft Dynamics AX, Microsoft Azure, React JS, Web Services, WCF, Fiddler, SQL Profiler Tool, IIS 7.5, JavaScript, jQuery, XML, IIS, AJAX, GitHub, Source Depot, HTML 5, and CSS.

**Harley Davidson, Milwaukee, WI Feb 2015 - Feb 2016**

**Title: MS Dynamics 365 Developer**

**Responsibilities:**

* Went through the total project development life cycle and have a clear understanding of various tiers as the project was a multi-tier application.
* Installed and configured **MS Dynamics CRM 2013** system on premise for development and testing, configured server instance, created organizations.
* Integrated **MS Office Outlook 2013** with **MS Dynamics CRM 2013**.
* Integrated and monitored **office 365**, SharePoint 2010 integration with **CRM 2013** for document management under different site security settings.
* Discussed the requirements with end user and propose solutions to achieve business goals.
* Customized system entities and custom entities to meet the business requirements.
* Used **SSIS** Import data into the system using multiple sources.
* Created custom dashboard, create custom Ribbon button and configured sitemap using Pragma toolkit.
* Used Bing Maps API to design and develop dashboards to display incoming customer requests and update address coordinates in the **Microsoft Dynamics CRM 2013**.
* Suggested several security policies on various entities in the system to manage and implement appropriate access controls
* Migration of data from Excel source to **CRM** using **SSIS**.
* Used Advanced Find feature of **MS Dynamics CRM** and created multiple views of System entities
* Integrated and monitored SharePoint 2010 integration with **CRM 2015**/**2013** for document management under different site security settings
* Built web pages that are more user-interactive using **jQuery** plugins, **JavaScript**.
* Generated Sales Reports for statistical analysis of data at user level using **SSRS**.
* Developed **UI** interface using **HTML, Java Script, CSS**, **jQuery.**
* Imported contacts from existing application into **MS Dynamics CRM** using the **WCF** service.
* Integrated with **SSRS** to support reporting, data analysis, and business planning.
* Worked on setting up relationship between System & Custom entities
* Upgraded **ASP.net** web pages and Plugins assemblies.
* Customized the forms to extend the functionality and to meet the client requirements.
* Maintained version control during solution import & export using SVN.
* Provided **CRM** end user training for case and service managements for department staff.
* Collected existing infrastructure information including Active Directory, **SQL** server, Reporting Server instance for implementation of **MS Dynamics CRM 2013** system.
* Created several plug-ins and workflows for enhancing the system and maintain data integrity.
* Created custom asp.net pages and configured forms and views for new modules to be added to **MS Dynamics CRM** system.
* Used **SSRS** create reports in the system to provide accurate data for business decision making.
* Provided technical guidance to the team and participated in several sessions of code review.
* Assisted the team in basic testing and deployment of the solution.
* Have done data model principles, fit-gap analysis, prototyping, development, implementation, maintenance and support during the product design and development.

**Environment**: C#, ASP.Net 3.5, Microsoft Dynamics CRM 2013, MS Dynamics CRM 2015, CRM SDK, VB.NET, MVC 3.0, ADO. Net, WCF, LINQ, UML, SQL Server 2014, JavaScript, T-SQL, PL/SQL, SOA, Crystal Reports, Visual Source Safe, SSRS, SSIS, XAML, XSLT, VSS, N-unit testing, Visual Studio 2013.

**KPMG Group, Mumbai, India Jan 2012 - Jan 2015**

**Title: .Net Developer**

**Responsibilities:**

* Involved in Design and Code Construction with **OOPs** Implementation.
* Involved in Maintenance / Enhancements of the application which includes developing the new reports.
* Leading the developer team for the new application development in **Visual C#,** ASP.NET 3.5 / Microsoft Enterprise Patterns and Practices Framework/ **SQL Database**, **LINQ**, **WCF**.
* Responsible for **Database** design, and creating of Stored Procedures, triggers to perform the Data retrieval from multiple tables using **SQL** Database.
* Created and customize reports in the system by using **SQL** Server Reporting Services (SSRS) to provide data for demand planning and opportunity management.
* Used Advanced Find feature of **MS Dynamics CRM** and created multiple views of System entities.
* Responsible in debugging and removing errors during plugin executions.
* Created C# plugins for **CRM** data validation, data updates and to enable business flow overlays.
* Customizing and configuring **CRM** system at a user level.
* Conduct detailed analysis sessions with end users.
* Used Advanced Find feature of **MS Dynamics CRM** and created multiple views of System entities.
* Architected the system to work for the enrichment of leads within **Microsoft Dynamics CRM** online using the plugin for the Lead entity.
* Developed web pages using Asp.Net, **JavaScript** for Client-Side Validation.
* Developed GUI using **MS Visual Studio**, ASP.NET **Web Forms** with **Ajax** **controls**.
* **Microsoft** **Azure** used to build our applications as a cluster that allocates a specific set of process and to secure the data in better way.
* Part of product development team for **Dynamics Ax 2012**.
* Designed and developed features for **Dynamics Ax 2012**.
* Provide a common **Server-side** and **Client-side** transparent data manipulation **API** that can operate both inline and in an asynchronous fashion.
* Worked with GIT, CVS, SVN and Clear case for **version control**.
* Deployed applications into test and production environments by using web server (**IIS**).
* Implemented Core Business logic and Error Handling
* Used **ADO.NET** objects such as Data Reader, Dataset and Data Adapter, for Consistent access to **SQL** data source.
* Effectively used **jQuery** a concise **JavaScript** Library for traversing **HTML** document, event handling and **AJAX** interactions.
* Accessing personal data, benefits information, requests for PT and payroll, relieving HR from time-consuming data management using **HCM**.
* Developed Web User Controls and Custom User Controls to minimize code redundancy.
* Extensively used **ASP.NET** Grid View, Repeater, Details View, Tree View, Data List and Repeater controls for displaying the data in a clear format.
* Worked with ASP.NET Web Forms, State Management, caching features, configuring optimizations and securing the web application.
* To persist and transfer data between pages Session State, View State, Cookies and Query Strings were used.
* All the commonly used functions are written in a class file and calling those functions using inheritance.
* Developed **Unit Test** Scenarios and tested Test Scenarios in Web methods using **N-Unit**.

**Environment:** ASP.NET, C#, ADO.NET, Visual Studio 2010, .NET, Agile Model, Azure, TFS, LINQ, Web Services, SOAP, Silverlight, JavaScript, Ajax, HTML, XML, IIS, SQL Server2005, MS-Access 2000, SQL server reporting Service, Windows XP/2003/2000/NT.

**HDFC Bank- India May 2010 – Dec 2011**

**Title: Web/.Net/SQL Server Developer**

**Responsibilities:**

* Worked closely with end-users to understand their needs and consequently translate them to technical documentation.
* Designed and Create **databases**, tables, views, stored procedures and triggers.
* Created **ASP.Net** pages coded in **C#**, create multiple layers with defined roles (presentation layer, business layer and data layer, or more if necessary) and exchange information among them to increase the reuse of code. The **.net framework** 3.5 is being used on the company's projects.
* Involved in writing the Unit Tests for C# code of business logic in **Presentation Layer**.
* Created **.Net** pages using **LINQ and AJAX.**
* Maintained Classic **ASP pages** that run in the intranet.
* Highly used **T-SQL** for developing complex stored procedures, triggers and functions.
* Created indexes on tables for better performance.
* Modified **stored** **procedures** by using existing procedures.
* Created user-defined data types and add them to model database for future purpose.
* Implemented **Cascading Style Sheets** **(CSS), HTML** to attain uniformity of all web pages.
* Developed large numbers of **WPF Forms, Custom Controls** and **User Controls** using **XAML** language for UI, extensively used WPF for modifying, developing the Desktop AWARE Application.
* Used **MVP/MVVM** Design patterns for designing the application.
* Set up database backup and recovery procedures for production, development and staging.
* Created **XML's** by using stored procedures and user defined functions.
* Monitored and schedule jobs on production and staging environment.
* Implemented and introduce control process, security policies and procedures.
* Performed **Data** **Transfer**/**Migration** using Export/Import.
* Coordinated with .Net end in writing **stored procedures**.
* Created **Database** Maintenance Plans for Production and Staging Servers.
* Monitored Database Backups on daily basis and moving the Database backups to different Servers.
* Deployed database objects from **development**/**testing** **environment** to **production** **environment**.
* Responsible for keeping system and databases up-to-date by making necessary changes.
* Created logins and users as and when required with specific roles on production server.
* Implemented design review process for production databases.
* Responsible in gathering data for **Unit Testing**.
* Extensive **testing** of stored procedures and **triggers**.

**Environment:** Windows 2007, MS SQL Server 2008, ASP.Net, C#, WCF, HTML, XML, CSS, .Net, MVVM, AJAX Toolkit, AGILE, WCF Services, PL/SQL, TSQL, ADO.NET