**Rajasekhar Mummaneni**

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**704-449-1881**

**PROFESSIONAL SUMMARY:**

* **Highly Skilled Professional with having 8+ years** of professional experience as a .NET Developer in analysis, **machine learning** design and implementation of web based, windows based client-server applications in Microsoft Technologies using **C#,** VB, Classic ASP, **ASP.NET**, ADO.NET, WinForms, **MVC**, Web Forms, **SQL Server**, Oracle, **Web Services**, VMWARE, Windows Services, XSLT and **Crystal Reports**.
* 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.
* Expertise in designing ASP.NET based Graphical User Interfaces with **CSS**, **JavaScript**, **AJAX**, **jQuery**, **Angular.JS**, **Bootstrap**, **Multithreading** and **HTML**.
* Experience with Object Oriented programming (**OOP's**) methodologies, Design Patterns including Model View Controller (**MVC**) and their implementation using polymorphism, inheritance and encapsulation.
* Experience in configuring **Azure** Web Apps, **Azure** App Services, **Azure** application gateway, **Azure** DNS, **Azure** Traffic Manager, Analyzing **Azure** Networks with **Azure** Network Watcher, Implementing **Azure** Site recovery, **Azure** backup and **Azure** Automation.
* Worked on **Azure** AD Connect to sync on-premises AD user data, groups and organizations to **Azure** AD and troubleshoot **Azure** services sync with on premise AD and re sync using **Azure** tools.
* 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**.
* Involved in **Unit Testing** and created test cases using testing tools including **NUnit** 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, Machine learning. |
| 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 - Till Date**

**Title: Sr.NET Developer**

**Responsibilities:**

* Involved in initial requirement gathering. Played an active role in analyzing, documenting and designing the application.
* Responsible for development, testing implementation and support application code for Azure migration, new implementations and upgrades.
* Designing solution for various system components using Microsoft Azure.
* Experience in configuring Azure Web Apps, Web roles, Worker roles, Azure App Services, Azure application gateway, Azure DNS, Azure Traffic Manager, Analyzing Azure Networks with Azure Network Watcher, Implementing Azure Site recovery, Azure backup and Azure Automation.
* Worked on Azure AD Connect to sync on-premises AD user data, groups and organizations to Azure AD and troubleshoot Azure services sync with on premise AD and resync using Azure tools.
* Played an active role in creating business document, functional document, Technical document.
* Graphical User Interface (GUI) was designed using ASP.NETMVC and the business logic was coded in C# [MVC Controllers].
* Developed Web Application front end using HTML, CSS, JavaScript, jQuery and Angular.
* Worked on highly advanced user interface design and development using Angular.JS, HTML and CSS.
* Hands on experience in using ASP.NET Ajax, jQuery. Involved in migrating ASP.NET to Angular.
* Migrated web applications into the Sitecore CMS System.
* Developed and implemented web applications into Sitecore systems using SCRUM Agile methods.
* Experience in Machine Learning, Statistics, Regression- Linear, Logistic, Poisson, Binomial.
* Solid coding and engineering skills preferably in Machine Learning.
* Using different distance calculation algorithms to return score of most viewed items and suggested products to users.
* Identify and assess available machine learning and statistical analysis libraries (including repressors, classifiers, statistical tests, and clustering algorithms)
* Discovered groups based on supervised and unsupervised learning.
* Integrated Sitecore with backend systems and provided user controls.
* 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.
* Designing and developing rich application for Web (ASPX/Silverlight) and Windows (WPF).
* Designed and developed business components and data components using C# and ADO.NET.
* Extensively involved in component development using front end web development tools like Cascading Style Sheets (CSS), JavaScript, jQuery and Angular2.
* 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.
* Machine learning automatically scores user assignment based on few manually scored assignments
* Implemented Angular.JS Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory.
* Designed large numbers of WPF Forms, Custom Controls and User Controls using XAML language for UI and Dynamic Web Parts for personalized content which allows Change, Edit, Move the content on pages as per users' own choice.
* Developed application using ASP.NETMVC architecture, involved in designing .NET application in Model View Controller (MVC) framework.
* Created Business Logic Layer, Repository Layer & Data Access Layers to implement MVC architecture.
* Designed and developed data components using C# and ADO.NET.

**Environment**: Visual Studio 2015, ASP.NET MVC, C#, .NET Framework, WCF, Web API, Entity Framework, Java script/jQuery, Angular2, JSON, Ajax, HTML, IIS, CSS, Bootstrap, Razor View Engine, XML, TFS, Typescript, Sitecore, Azure.

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

**Title: Full Stack Developer**

**Responsibilities:**

* Followed the standard for Software Development Life Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Participated in periodic technical reviews of various modules and developed schema to improve them.
* Research and development of machine learning pipeline design for Optical Character Recognition (Handwritten), anomaly detection system using multi variate Gaussian model. Healthcare diagnostics systems using PGM (BN).
* Actively participated in Scrummeetings of the project implemented in agilemethodology.
* Developed and supported the application using ASP.NET MVC 4.0 with Razor syntax, C#.NET, AJAX, jQuery, JSON, HTML, JavaScript, Bootstrap and CSS.
* Develop and implement innovativemachine learning tools that will be used in the Risk.
* Automatic Categorization on drug efficacy and side effect extraction were performed. Counter intuitive predictors were identified using machine-learning methods.
* Worked on enhancing and maintaining the applications as per the business need needed.
* Independently worked on developing document handler using the HTML5.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for ASP.NET, MVC4 application.
* Authorization and authentication standards and protocols experience.
* Used IIS logs to identify the issues on the web server and monitored application errors through event viewer.
* Involved in enhancing the application for client’s requirement based on demand using the MVC pattern, J Query, Bootstrap, and Web API and SPA Application using Angular JS.
* Involved in creating web pages using Angular JS, JavaScript, jQuery, HTML 5.0 and CSS.
* Created the Editor and Display templates for MVC controls.
* Consumed Azure web services and managed deployment through cloud platform.
* Used Master Pages, shared layouts, CSS & Themes for the consistent look of the application.
* Created View models to encapsulate all models and classes used on the different views for a more organized, structured, and clean code.
* Improved user experience using jQuery. Used jQuery event handling mechanism to dynamically assign events on web controls.
* Involved in prioritizing the issues and identifying the root cause analysis and bug fixes.
* Designed, Developed and tested packages to extract, transform and load data using SQL Server Integration Services (SSIS).
* Developed advanced ETL import packages using SSIS, T-SQL to transform and import raw index data into database tables.
* Worked on migration of SQL Server on premises to Windows Azure.
* Processed data from flat files excel files, .csv files into proprietary hierarchical data structure system through SSIS packages and custom procedures.
* Provided efficient error handling to the SSIS packages.
* Designed and developed MS SQL Server Reporting Services (SSRS) under SQL Server 2014.
* Experience with SQL Server Reporting Services (SSRS) to author, manage, and deliver both paper-based and interactive Web-based reports.
* Involved in migration of SSRS from SQL 2008 to SQL 2014.
* Involved in writing SQL Statements, Views and Stored Procedures, Indexes to validate data and ensure system integrity and security Written LINQ functions for data access.
* Developed test-driven development (TDD) strategy guiding use of the N-unit testing framework.
* Used Team Foundation Server (TFS) for continuous integration and version control.
* Used Fiddler to debug web request and responses to solve user issues on the client side.
* Reviewed code to ensure that all the Processes and Standards are being ensured that correct implementation of requirements, coding standard, project architecture, efficient code writing techniques.

**Environment**: C#, ASP.NET, TDD, .Net Framework 4.5/4.0, SQL 2014, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), Visual Studio2015, AZURE, Machine learning Telerik Rad Controls, MVC, SOAP Web services, XML, OOP, WCF, REST, HTML 5, Web API, N-Tier Architecture, Agile, SCRUM

**American Express, Jacksonville, FL Feb 2015 – Feb 2016**

**Title: .Net 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.
* Coordinated with various groups of the client to gather business and system requirements.
* Involved in application design based on MVC 3, Factory Design Pattern and OOPS.
* Used JavaScript for client-side validations, Used VSS for version control during development.
* Manage the back-end connection to Microsoft SQL as the data source using ADO.Net and write SQL queries, stored procedures and triggers to manage data.
* Created clustered and non-clustered index to aid faster retrieval of data.
* Utilized Entity Framework technology extensively for data retrieving, querying, storage and manipulation using LINQ Statements, views, User Defined Functions, Stored Procedures for creating/inserting/updating/deleting the data into the relational tables.
* Developed Web Service for retrieving Employee Data (based on XML, WSDL, and SOAP).
* Worked extensively on the UI, created views by utilizing MVC3, and created view models.
* Consumed Web Services using WCF for online transactions using C# and exposed them through SOAP and HTTP.
* Innovate and leverage machine learning, data mining and statistical techniques to create new, scalable solutions for business problems.
* Used SSIS to fetch the data for daily, weekly, hourly and monthly imports.
* Responsible for creating complex SSRS Reports based on client specifications.
* Used Visual Studio for compiling and debugging.
* Utilized current and upcoming industry trends and practices to create Sitecore CMS websites.
* Used NHibernate, WPF to communicate between DAL and other business components.
* Involved in creating, deploying and managing reports using SSRS.
* Created T-SQL and PL/SQL Store Procedures, Views and User Defined Functions for fetching relevant data to UI for different VP Reports and Divisional Reports.
* 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, 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.

**BNY Mellon, NYC, NY March 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.
* Developed web pages using Asp.Net, JavaScript for Client-Side Validation.
* Developed GUI using MS Visual Studio, ASP.NET Web Forms with Ajax controls.
* Used Microsoft Azure to build our applications as a cluster that allocates a specific set of process and to secure the data in better way.
* 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 Aug'2009 – 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