**Rajasekhar M**

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**Professional Summary:**

* **Proficient** **around 7+ years** of experience as a **.NET Developer** in analysis, 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**, **PHP, jQ Widgets,** **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**, **AngularJS**, **Jasmine,** **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.
* 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**, **VB.NET**, **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 **N-Unit** and **Jasmine**.
* Designed the user interface using ANGULAR js and **D3.js** with the help of **WEB API**.
* 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**.
* Experience in handling, configuration and administration of databases like **MySQL** and **NoSQL** databases like **MongoDB** and **Cassandra**.
* Proficient in building Web Applications using **HTML5**, **D3.js**, **VB.NET**, **XML**, **MSSQL**, **AJAX**, **JavaScript** (jQuery, **AngularJS**), **Bootstrap** and **CSS** in a Client/Web Server environment.
* Used Telerik Controls, **jQ Widgets**, **DivX tools**, Tortoise SVN for collaboration.
* 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, D3.js, AngularJS, Bootstrap, Web Services, WCF, PHP, 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, 2015, 2017 Eclipse |
| **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: Full Stack Developer**

**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.
* Graphical User Interface (GUI) was designed using **ASP.NET MVC** and the business logic was coded in **C#** [MVC Controllers].
* Developed Web Application front end using **HTML5, CSS, JavaScript, D3.js, jQuery** and **Angular**.
* Worked on highly advanced user interface design and development using **AngularJS**, **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.
* Involved in retrieving data using **LINQ to SQL** and **LINQ to Objects** with **ASP.NET**, worked with the database using **LINQ to SQL**.
* 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.
* Converting company website from **PHP** and **MySQL** to **ASP.NET** and **SQL Server.**
* Developed **REST APIs** using **WEB API** (SOA).
* Designed and implemented **WEB API** (SOA) to support mobile applications.
* Error logging using Exceptional Handling in **T-SQL** and **SSIS**.
* Worked on **SSIS** Package, **DTS** Import/Export for transferring data from Database (Oracle and Text format data) to **SQL Server**.
* 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.
* Designed and developed business components and data components using **C#** and **ADO.NET**.
* Integrated **D3.js** with the **Angular 2** component life cycle to create reusable charts and other visualizations that support animation and dynamic data.
* Extensively involved in component development using front end web development tools like Cascading Style Sheets (CSS), **JavaScript, jQuery** and **Angular2**.**0/4.0**.
* 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**.
* Implemented **AngularJS** 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.NET MVC** 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, D3.js, PHP, Ajax, HTML5, IIS, CSS, Bootstrap, Razor View Engine, XML, TFS, JQ Widgets, 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.
* Actively participated in **Scrum** **meetings** of the project implemented in **agile** **methodology**.
* Developed and supported the application using **ASP.NET** **MVC 4.0** with **Razor** syntax, **C#.NET**, **AJAX**, **jQuery**, **JSON**, **HTML**, **JavaScript**, **Bootstrap** and **CSS**.
* 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**, **D3.js**, **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.
* 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.
* Developed data visualization framework data-driven approach to DOM manipulation using **D3.js**.
* 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 2014/2016**.
* 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 2014/2016, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), D3.js, Visual Studio2015, AZURE, Telerik Rad Controls, MVC, PHP, SOAP Web services, XML, OOP, WCF, REST, HTML 5, Web API, N-Tier Architecture, Agile, SCRUM

**Harley Davidson, Milwaukee, WI 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.
* Designed frontend User Interface using **PHP, MySQL, HTML, DHTML, CSS**, **JavaScript**.
* 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**.
* 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  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.

**KPMG Group, Mumbai, India June '2011 - Aug‘2014**

**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**.
* **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.
* 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.