**RAGHU KUMAR SAMUDRALA**

**Senior Dot Net Developer**

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**SUMMARY OF EXPERIENCE:**

* **7+**years of experience in systems analysis, design and development and testing of web applications using Microsoft .NET Technologies including .NET Framework **C#, ASP.NET**,**VB.NET, ADO.NET Entity, WCF, WPF, AJAX, MVC**,**HTML**, **Web Services, SQL and Angular JS .**
* Experience in developing applications using ASP.NET MVC 3.0/4.0/4.5 Framework.
* Strong in designing **ASP.NET** based Graphical User Interfaces with CSS, JavaScript, typescript, Multi- threading and HTML ,**Angular JS,** React, and Power shell scripting.
* Extensive experience in design and development of web applications using **ASP.NET MVC, MVVM** architecture.
* Experience in creating and consuming **Web Services, WCF** and **Web API**.
* Extensive experience in J**-Query/JSON** for retrieving data.
* Experience using **AJAX** to create interactive web applications, mainly focusing at increasing performance.
* Extensive work experience and knowledge of **LINQ.**
* Extensive experience in **Database design,** Modeling and Database maintenance in SQL Server environment.
* Implemented **Object Oriented Principles** (OOPS) like Encapsulation, Abstraction, and Inheritance which are basic building blocks for Object Oriented Design.
* Experienced in developing **Windows desktop** and **WPF applications** with Dynamic CRM.
* Experience in implementing Business Process, Abstract factory as part of Service Oriented Architecture (SOA).
* Implemented N-Tier Architecture and integrated the UI with the data base for data retrieval and manipulation using **ADO.NET** data objects and **ADO.NET Entity Framework**.
* Experience in designing Master Pages utilizing Server Controls, User Controls, Data Grid control, Form Validation controls, Custom controls and CSS.
* Extensively worked with ADO.NET to connect SQL Server using Connection, Command, Adapter, DataSet, and Data Reader.
* Proficient working experience in **RDBMS** and development and writing SQL Stored, procedures, functions, triggers, Views, Cursors in **SQL Server**2005/2008/2012, Oracle 10g/11gand SQL/PLSQL.
* Experience in designing and developing **Restful** as well as **SOAP web services**.
* Experience in working with **ASP.NET rich controls** (Grid view, Form view, SQL Data Source, Object Data Source, Login controls, and Navigation controls).
* Experience in reporting and analysis using Crystal Reports, **SQL Server Reporting Services (SSRS)** and **SQL Server Integration Services (SSIS)** with the .net environment.
* Extensively worked on **Agile** Scrum Methodology and actively participated in **Sprint/Scrum** meetings.
* Experience in **TFS (Team Foundation Server)** for source code control, SourceSafe, CVS project related document sharing and team collaboration.
* Quick learner, strong capabilities in both verbal and written exceptional problem-solving and troubleshooting capabilities.
* Experience in Banking Domain, Payment processing, insurance domain and Institutional Domain.

**Technical skills:**

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| **.NET Technologies** | .NET Framework 2.0/3.0/3.5/4.0/4.5 , ASP.NET, Win Forms, WCF, WPF, Web Services, SOAP, Restful, Silverlight, ADO.NET Entity Framework, XML, LINQ and MVC. |
| **Languages** | C#.NET, VB.NET, SQL, T-SQL. |
| **Scripting Language** | JavaScript, Ajax, VB Script, jQuery, Angular JS and Power shell. |
| **Markup Languages** | XML, XAML, HTML, DHTML, XSL, XSLT, CSS. |
| **IDE** | Visual Studio 2008,2010,2012,2013 & 2015 |
| **Databases** | SQL Server2005/ 2008/2012/2014, Oracle PL/SQL, MS Access, MySQL. |
| **Operating Systems** | Windows 98/2000/XP/2007/2008/2010 |
| **Version Control** | Visual Source Safe, TFS. |
| **Servers** | IIS 5.0, IIS 6.0, IIS7.0 |
| **Reporting Tools** | Crystal Reports, SSRS,SSIS |

**PROFESSIONAL EXPERIENCE:**

**Software Engineer March 2016 to Present**

**SAGE - Atlanta, GA**

**Description**: Sage is a leading supplier of business management software and services to more than 6 million customers worldwide, and we’re building some of the most advanced cloud-based web and mobile business applications. Exciting opportunity to work with design and development such products like Payment processing, shopping cart and Electronic invoicing.

**Responsibilities:**

* Interacting with client for requirements, discussing the feasibility of requirements, designing the layout of web pages, Architecture and participating in the development.
* Worked proactively in designing (UI and database) using an N tier architecture and analyzing the web track (both Web  & WCF Application) by coordinating with business analysts and segregated into various layers (UI, Business, Service, and Data Access)
* Implemented GUI using HTML, XML, CSS, JQuery, Angular JS and ASP Web form controls to create web pages using user controls, custom controls and developed Master pages.
* Participated in the design and development of the Web application Visual studio 2013 and SQL Server 2012 database.
* Designed and implemented the applications using MVC /MVVM design pattern using Angular JS, WCF in the project to different Business layer from the UI layer.
* Worked on Views, Strongly typed views, sections, areas in Asp.Net MVC and created Razor syntax creating Asp.Net MVC to reducing the code aspect.
* Involved in Software Development Life Cycle (SDLC) from requirements gathering and performed Object Oriented Analysis and Design (OOAD) using UML and Object Relational Mapping(OMR)
* Responsible for developing the Data Access Layer (Model) using ADO.NET Entity Framework Model, LINQ to Entities, and C#.
* Debug and fix software, including difficult issues using a broad knowledge of technologies like ASP.NET, Entity framework ,MVC, Web API, WCF, WPF, HTML, CSS, JavaScript, JQuery, JSON, Share point, Angular JS and SQL 2012.
* Worked on Web API and web services to Consuming the data and created the repositories for performing task modules.
* Retrieved JSON data from RESTFUL web service by using AJAX to get resources from database and populated the data to client side.
* Developed Views, Triggers, Store Procedures and creating new tables using SQL 2012.
* Used agile methodology during rewriting the application and adding new features to the application.
* Used TFS (Team Foundation Server), Test Driven Development (TDD) project related document sharing and team collaboration.
* Involved in unit testing and system testing and also responsible for preparing Test scripts for the system testing.
* Worked on Service now to get the Activations, updated software's and Used JIRA version one for task allotment.
* Actively participated in Sprint /Scrum meetings/Release planning for project discussions and managed the time effectively.

**Environment:** Visual studio, C# 4.0, ASP.NET, ADO.NET Entity framework, MVC 5.0, HTML 5, WCF, Web API, CSS 3, LINQ, RDMS, SQL Server 2012, SOAP/Restful Web services, WPF, JavaScript, IIS,Angular JS and Agile Methodology .

**.Net Developer**

**State Farm Insurance - Dallas, TX Jan2015 to Feb 2016**

**Description:** State form is an Auto insurance organization, serving 90 million polices in the United States and Canada. Auto Insurance policy Online System maintains the user's information, provides users to enter the reimbursement claims, facilitates concerned authority to approve and process the claims. The administration module takes care of adding modifying and deleting users and policies used to approve and process claims. The system takes care of mailing the concerned statistics to the users and approving authorities. It also offered its customers high quality of auto insurance at a competitive price and charge toward better services.

**Responsibilities:**

* Analyzed requirements document and created detailed functional and Non functional specifications
* Designed and implemented the rich user interface using Asp.NET 4.5, MVC 5.2, HTML 5, CSS, XML, WCF, WPF, and Entity framework, JQuery, JavaScript and Angular JS.
* Designed and developed use cases, activity diagrams and sequence diagrams using UML**.**
* Implemented CRUD functionality with Entity Framework with ASP.NETMVC and implemented sorting, filtering, and paging with entity framework in MVC and MVVM architecture.
* Effectively used ASP.NET security infrastructure for authenticating and authorizing user access as well as performing other security related tasks using C#.NET
* Developed web application using Silver light for rich interactivity and Client Validations using JQuery, JavaScript and AJAX.
* Used angular JS routers like "UI-router" to establish routing between nested html views.
* Development of Client Side Validation techniques using JQuery and Angular JS directives
* Developed complex MVC controllers, views, models linked to backend database and worked on Razor views and razor engine.
* Worked on different WCF bindings for accessing the both windows and web application.
* Used Basic Http Binding and WSHttp Binding to interact with other WCF services and Third party systems like QNXT, FACETS and CAE etc.
* Used various server controls like Multi View and Grid View with extensive data binding to display, page and sort multiple records.
* Designed and developed WCF Web Services and configured our WCF Services with appropriate endpoints for consuming them in the web application.
* Developed SQL Store procedures, SQL Reporting Services (SSRS) and SSIS with crystal reports web applications using .Net 4.5.
* Involved in Implement Forms Authentication Security and Involved in working with ADO.NET Entity Framework.
* Created and consumed restful web API to retrieve the JSON messages using HTTP protocol.
* Developed Restful web Services including JSON formats for client Requests.
* Created Views by applying complex queries on multiple tables to create the virtual tables and implemented Cursors in Stored Procedures using RDBMS, SQL Server 2014, and Implemented Joins in Stored Procedures to get the desired data by joining multiple tables.
* Worked with LINQ to SQL, LINQ to XML and LINQ to Collections.
* Extensively worked on automated Unit testing on NUnit testing framework.
* Familiar with Integration testing by using N coverage tool, VS automated unit testing framework and MS testing.
* Extensively involved in code reviews, monitoring and knowledge sharing of team to ensure the delivery of high quality products.
* Actively participated in agile Scrum meetings and group discussions for project progress and project related issues using Team Foundation Server (TFS).

**Environment: .**NET framework 4.5, Visual studio 2013, C# 4.0, VB.NET, ASP.NET, UML, AJAX, MVC 5.0, HTML5, WCF, CSS3, LINQ,SQL Server 2014 Reporting Services SSRS,SOAP, WPF, JavaScript, Backbone, PL/SQL, IIS7.0, Xml, Restful, Power shell, Angular JS, Silverlight 4.0, Agile methodology and ADO.NET Entity.

**Senior Application Developer**

**Premier Bank - Denver, CO Jan 2013 to Nov 2014**

**Description**: By this project customers have to access account information, payment online through internet , receiving/transferring funds and register as Premier Bank customers and order new services receive new articles regarding the services and so on. The data access layer needed to be developed including business classes, which is responsible for storage, retrieval utilizing ADO.NET.

**Responsibilities:**

* Involved in gathering information from clients, analyzed the information and provided with the best solutions, which meet client's requirements Involved in all phases of project lifecycle i.e. requirement gathering, analysis, design, application development and testing for the project.
* Developed and designed web pages using ASP.NET HTML5, AJAX controls, JavaScript, CSS3, Angular JS, JQuery, Bootstrap, MVC and Angular UI.
* Implemented ASP.NET MVC4.0 (Model View Controller) architecture for application development to render different views based on the category and simplify the testing process.
* Implemented Angular JS frameworks in AJAX-driven websites using proxy to get the data from the back-end in the form of JSON to populate on the UI components.
* Used Angular JS Http Request to read data from web servers and process JSON data to render UI.
* Used Twitter Bootstrap for HTML components style definitions and user interface elements such as dialog boxes and toolkit.
* Worked server side Asynchronous JavaScript ,XML(AJAX) techniques to improve the performances.
* Maintained and enhanced existing software by analyzing and identifying areas for optimization and refactoring. Investigated new technologies and techniques and researched ongoing industry developments using OOPs.
* Extensively used Data Adapter, Data Set, Data Table, Data View, Data Grid, Data List, Data Repeater and Data Reader for binding data from database to the various web forms.
* Used ADO.NET extensively for data retrieving, querying, storing and manipulating.
* Wrote T-SQL queries, T-SQL Stored Procedures and Triggers, which will execute against a database in order to extract the appropriate data for each report.
* Developed Asp.net MVC applications using code first Approach entity framework and Razor engine.
* Responsible for creating crystal reports using SSIS and SSRS
* Extensively worked on WCF bindings and WPF,ASMX to create services and involved using XML, SOAP and WSDL tool for creating proxy classes.
* Used Java Script for Client side Validation on the data prior to being submitted to the database.
* Fixed the Bugs and implemented Functionality changes in the existing Classic ASP pages that come from the Production Support Team for MIS Groups
* Created web forms using several ASP.NET server controls, data bound controls like Grid View, AJAX, validation controls like Required FieldValidator, RegularExpressionValidator, RangeValidator and CompareValidator and FileUpload Server control.
* Performed Unit testing using NUnit testing framework and TSS tool to implement test driven Development.
* Used Visual Source Safe for Version Control and branching and merging from development server to stage to stage to production servers.
* Involved in application build debugging, deployment process and Release planning.

**Environment:** Visual Studio 2012, C#,VB.NET, .NET Framework 4.0, ASP.NET, MVC 4.0 , IIS 6.0, XML, AJAX, ADO.NET, Visual Source Safe, HTML, LINQ, JavaScript, Angular JS, MVC, Stored Procedures, Triggers, Web Services, WCF, SQL Server 2008.

**Application Developer**

**Gateway Healthcare - Columbus, OH Dec 2011 to Dec 2012**

**Description:** Gateway Insurance is one of the leading Insurance Company, engaged in business of selling variety of insurance products inc creating policy coverage, make payments.. Gateway is teamed up with Thought-works for the introduction and implementation of agile methodology and test driven development with constant build and re-factoring.

**Responsibilities:**

* Involved in system study and initial requirement gathering and actively involved in analysis and detail design, development, bug fixing and agile methodology.
* Developed 3 -Tier architecture web application using ASP.NET, VB.NET, HTML, CSS, XML, AJAX and web services.
* Worked in User Interface layer, Business Logic layer and also in the Data Access layer with the SQL Server.
* Creating ASP.Net web pages using C#.NET, HTML, CSS, AJAX, JQuery for sorting and filtering.
* Worked with Master Pages and Cascade style sheets (CSS) , HTML for the web pages.
* Used Visual source Safe(VSS) to manage changes to the source code
* Worked on JavaScript for Client side Validation and Used Web Services to access data from the Remote Application.
* Used Customized Exception handling class for the handling exceptions in each layer with event logging and experience in Creating .Net assemblies using C#.NET
* Implemented OOPs concepts like Inheritance, abstraction and polymorphism to develop the secure modules.
* Worked on Stored Procedures, Functions and Triggers using SQL Server.
* Used Windows communication Foundation (WCF) to communicate with other backend systems.
* Used Datasets, Data Adapters, Data Readers and Data Connections for retrieval of data from the database.
* Developing Web forms and windows forms for concerned applications.
* Referenced Microsoft SharePoint Assemblies such as Microsoft, SharePoint, Client.Runtime.dll and Microsoft.SharePoint.Client.dll to connect to C# code.
* Programmed RDBMS SQL Server 2008 Reporting Services using Microsoft Visual Studio 2010
* Performed unit testing on each module developed and Participated in system integration testing.
* Worked on deploying the application on to development, staging and production servers.
* Used AJAX tool kit for better user experience in the web pages in the application.
* Developed custom reports using Crystal Reports suing SSIS and SSRS.
* Performed Unit Testing on every new version before sending it for User acceptance test
* Actively involved with Team Meetings and testing team for the project testing for project related issues.

**Environmen**t: Visual Studio 2010, C#.NET, ASP.NET 4.0, VB.NET ,ADO.NET, SQL Server 2008, T-SQL, Web Services, SOAP, AJAX, XML Schema, XSD, XSL and JavaScript.

**Dot Net Programmer**

**Inforica Pvt. Ltd. - Hyderabad, India. July 2009 to OCT 2011**

**Description:** Summer Review Management System is an N-Tier web application used by School Management system for the every year. The system tracks Student Registration and Assessment module for various courses, Attendance and Final Grade module, and Activity& Processing module.

**Responsibilities:**

* Design and Development of n-tier distributed architecture using VS. NET 2008, ASP.NET 3.5, C#.
* Created Views, Stored Procedures and Triggers of the Application database on SQL Server 2008.
* Object oriented programming for the development of Data Access and Business objects using C#.
* Developed User controls using ASP.NET and C# and used them dynamically in the web pages using Master pages and CSS
* Developed programs of database components including Stored Procedures.
* Involved in the database design and designed tables
* Implemented XML Web Services using C#.NET
* Performed validations using Validation Controls and Interface developing by AJAX.
* Created web forms using several ASP.NET server controls, data bound controls like Grid View, AJAX, validation controls like RequiredFieldValidator, RegularExpressionValidator, RangeValidator and CompareValidator and FileUpload Server control.
* Involved in Implement Forms Authentication Security and Involved in working with ADO.NET Entity Framework.
* Extensively used ASP.NET web server controls for the Presentation tier for data modifications.
* Worked on Data Binding and Data Grid controls.
* Generated Summer Review Reports using SQL Reporting Services 2008.
* Used data grid controls for displaying the data.
* Used Grid View control extensively for data display, dynamic generation of rows, and user input inside template columns. Used Edit Item Templates and Footer Templates extensively for editing and adding rows.
* Actively participated in Team meetings and client meetings for development of the application
* Participated in bug fixing and release planning meetings.

**Environment:** Visual Studio.NET 2008, .NET framework 3.5, C#, ASP.NET 3.5, AJAX, ADO.NET 3.5, SQL Server 2008, Win 2000/2003/2007/XP.

**Education:**

Bachelor of Technology in **Computer Science**, JNT University - India.