**SAI RAVVA**

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**SUMMARY:**

* **6+ years** of IT experience with exceptional skills in **Analysis, Object Oriented Design, Development, Implementation** and **Testing** of **Web Applications** and **Windows Applications** using **ASP.NET**, **Web Services**.
* Worked through all phases of **Software Development Life Cycle (SDLC),** which includes gathering and analyzing business requirements, functional/technical specifications, designing, developing, testing, deploying the applications and providing production support.
* Hands on experience in development and implementation of high-end applications with Microsoft **.NET Framework** **3.0/3.5/4.0/4.5**
* Expertise in developing applications using **C#, .NET Core, Classic ASP, ASP.NET, ASP.NET MVC, ADO.NET, Entity Framework, Web Services, WCF REST, WEB API,** **HTML, Telerik, Ajax Controls, Kendo UI, Backbone.js, Web Forms, PowerShell, WebForms, JavaScript, AngularJs, Bootstrap, Framework, CSS, AJAX, IIS and XML.**
* Experience in analyzing Functional requirements, designing **UML**, Use Case and Class Diagrams using Microsoft Visio.
* Proficient in writing **Stored Procedures**, **Cursors, Triggers**, **Views**, **User** **Defined** **Functions**, **Complex** **Query** joins using **T-SQL**, **PL/SQL**, Performance Tuning, and Optimizing **SQ**L **Queries**
* Experience in languages like **HTML4/5, CSS, XML, XSLT, JavaScript, jQuery, Ajax,** **AngularJS Knockout.Js, and JSON.**
* Experience in developing applications using **Telerik Controls Both Ajax Controls and Kendo UI (MVC)**.
* Experience in using **Entity Framework** to work with relational data using **Data First**as well as**Model First approaches.**
* Experience in the areas of DevOps and AWS, end-to-end design, setup, integration and maintenance of CI/CD pipeline from source-control to production.
* Experience in developing **ASP.NET** **Web customs controls**, **user controls**, Data Controls like **Data Grid**, Rich UI with extensive use of **ASP.NET** AJAX, AngularJS, Bootstrap and **jQuery.**
* Extensively used core **.NET** technologies like **Remoting**, **Serialization**, **Reflection**, **XML** **Web Services**, SOAP, ADO**.NET**, **ASP.NET**, Web Custom Controls, Web controls, Web Forms and Win Forms
* Hands on experience with **SQL Server Reporting Services** (**SSRS**), **SQL Server Integrating System (SSIS)** using **SQL 2008/2005.**
* Strong understanding and experience in Document Object Model DOM and its manipulation through **JavaScript**.
* Experience in using windows application using WinForms and SOAP based WCF services for data access
* Proficient in using third party JavaScript libraries for performance tuning and scaling.
* Good Knowledge of **Object-Oriented Design Methodologies** such as **Polymorphism, Inheritance and Encapsulation.**
* Used N-tier architecture for presentation layer, the Business and Data Access Layers and were coded using C#. Net. Good Experience in Developing Applications using Microservices and monolithic architecture.
* Expertise in third party **UI** components and **JavaScript** plug-ins like **Bootstrap** & **Knockout**
* Knowledge of Backend programming, **RDBMS (SQL Server 2000/05), SQL, T-SQL, PL/SQL, Stored** **procedures, Functions, Views** and **Triggers** and imports and exports of Data using **DTS Packages**.
* Experience in **LINQ** (**Language Integrated Query Language), LINQ to SQL, LINQ to Objects**.
* Experience using **Microsoft Team Foundation Server** and **Visual Source Safe** for version Control.
* Involved in the design and development of **3 Tier, N-tier distributed** and **MVC architectures architecture**.
* Hands on experience in design and development of **Graphical User Interface** using **Win Forms** and **Web Forms & WPF.**
* Developed and consumed **Web Services using WCF (Http, SOAP, and XML) and Web API (RESTFUL services)**
* Experience in **Agile**, **Waterfall** and **SCRUM** methodologies.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | C, C# (4.0/3.5/3.0), PL/SQL, VB.NET |
| **Web Technologies** | ASP.NET, XML, XSLT, JavaScript, Angular 6/4/2/1.5, JSON, jQuery 3.0/2.0/1.0, HTML5, CSS, AJAX, BOOTSTRAP, RAZOR, node JS |
| **UI Technologies** | WinForms, Web Forms |
| **IDE Tools** | Visual Studio 2019/2017/2015/2010/2008, SQL Server Management Studio. |
| **.NET Frameworks** | .NET Core, .NET Framework 4.5/4.0/3.5/3.0 |
| **Databases** | MS SQL SERVER 2016/2014/2012/2008R2/2008/2005, Oracle 10g/11g/12c, Mongo DB. |
| **Reporting Tools** | SQL Server Reporting Services (SSRS 2008/2005) |
| **Version Control Tools** | Team Foundation Server, Visual Source Safe(VSS), GIT |
| **ETL Tools** | SQL Server Integration Services (SSIS 2008/2005) |

**PROFESSIONAL EXPERIENCE:**

**Guardian Life Insurance, Bethlehem, PA. Oct 2018 - Till Date  
Role: .NET Developer**

**Responsibilities:**

* Involved in **End-to-End** development of the application which involves **full life-cycle** of the project from **Requirement gathering, Analysis, Design, Development & Deployment** of the application.
* Developed system services **SOA** application platform for use by all web applications utilizing **WCF services** and used **SOAP, XML** and **WSDL**.
* Implemented **Layouts template** for consistent look and feel application wide.
* Implemented **UI** using **MVC 4.0**, **HTML**, **XML**, **CSS**, **JavaScript**, **AngularJS**, **AJAX, node JS** and Web Form Controls to create responsive **web pages**, **developed Master Pages**.
* Worked on Reporting Tools **SQL** **Server Reporting Services** (SSRS), **SQL Server Integration Services** (SSIS).
* Extensively worked on **.NET** Framework, **Win Forms**, web pages and **Object-Oriented Analysis and Design (OOAD).**
* Implemented several solutions as backend using **.Net Core** **Web API** for different functionality to loose coupling.
* Develop RESTful **Web API** that allows sophisticated, effective and low-cost application integration and multi-tier.
* Create verification of **Web API** service controller actions using filters.
* Implement CRUD operations using service to call **Web API** methods.
* Developing the application using **MVC**, Entity Data Model and **RESTful** and WCF services.
* Extensively used **Multi-Threading** for fetching data from web services using **C#**
* Designed **MVC** design pattern for **ASP.NET** application development using the **ASP.NETMVC** framework.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Docker on familiar servers such as Apache, and IIS.
* Used JavaScript to perform validations and catch the events on client's browser.
* Involved in using Window Azure to deploy the application on cloud and managing the session
* Implement the **Dependency Inject MVC** through the **Ninject** in **.NET**
* Implemented **CRUD** operations using**$http service**to call**Web API**methods.
* Configure **SQL Server Integration Service (SSIS)** for scheduling database backup and implemented **indexing** for various tables in the database for improving the performance of the application.
* Developed Win forms and User Interface of the application using **C#.NET** controls extensively.
* Developed **XML web services** to upload and download report files from the remote server.
* Managed to implement a layout system which adapt to changing window and display conditions by using **WPF** layout controls.
* Implemented features in **ASP.NET** **MVC** application using NHibernate Structure Map and jQuery.
* Client-side validations were designed using Data Annotations and java script.
* Used **LINQ** to retrieve information from the **XML** data files.
* Used **SOAP** to Implement Web Services.
* Used **AZURE** to provide a client-side managed class library which encapsulates the functions of interacting with the services
* Developed the classes using **C#,** which incorporate N-tier architecture and **database** connectivity.
* Involved in using **Generics**, **LINQ**, **Lambda Expressions**, **Anonymous Method.**
* Worked with Iterative **Agile** Methodologies and Test-driven development (**TDD**).
* Used **Team Foundation Server** **TFS** for all the source code maintenance needs.
* Involved in Unit testing of the application using **NUnit** and fixing the defects raised.

**Environment:** Visual Studio 2017/2015, ASP.NET MVC 5, C#, HTML5, CSS3, node js,Bootstrap, .NET Framework 4.5, XML, AJAX, jQuery, SOAP, Web Services, Microservices, JavaScript, Angular6/4, SQL Server 2012, SSRS, LINQ, Web Services, WPF, WCF RESTful service.

**GE Transportation, Erie, PA. Apr 2017 – Sep 2018  
Role: .NET Developer**

**Responsibilities:**

* Involved in the **SDLC** of requirement analysis, design and development of the web-based application in the fast-paced **agile methodology.** Developed and maintained a consistent look and feel to the application by using a **layout page, CSS, node js, bootstrap,**and**razor**.
* Implemented the application logic using Object Oriented Programming (C#).
* Responsible for User Management and Application Administration created an authentication authorization system based on user groups.
* Implemented Web Services and **Web API** to use in the application for critical operations.
* Implemented **MVC** architecture using C# **.NET**, **ASP.NET**.
* Implemented HTTP protocol and SSL to secure the information between WCF Service and Client.
* Worked intensively on optimizing the SQL server stored procedures, Views using **SQL Profiler** and configured **Service Broker** for the exchange of data on the database, involved in Creating Message Types, Contracts, Queues and Services.
* Implemented Elasticsearch query in .Net Core **Web API** like scripted metric aggregation and search for filter results.
* Develop highly interactive UI utilizing HTML5, CSS3, Bootstrap4, TypeScript2, Angular5/6 and integrating RESTful **Web API.**
* Worked on masking and unmasking the confidential data using some Regular Expressions.
* Designed and Developed an Interactive Graphical User Interface for various modules using **Win Forms**, Windows service, desktop applications inheritable Win Forms and User Controls.
* Worked with **REST**/**HTTP** **API** including JSON data formats and API versioning strategy.
* Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
* Used **Web Services SOAP, WSDL**for communicating with other application and components.
* Created Stored Procedures Triggers and Views in SQL Server.
* Implemented several solutions as backend using **.Net Core** **Web API** for different functionality to loose coupling.
* Develop RESTful **Web API** that allows sophisticated, effective and low-cost application integration and multi-tier.
* Create verification of **Web API** service controller actions using filters.
* Implement CRUD operations using service to call **Web API** methods.
* Implemented HTML Helper **MVC** **Web Grid** with **jQuery** for boosting the pagination performance and loaded the graphical data with **JSON**. Also supporting custom **searching** along with **sorting** the data with **partial** **views**.
* Developed visual components through **WPF** using **XAML**
* Created **WCF Service** to retrieve and send information from client side without Post Back and consuming existing Web Services using SOAP, HTTP and WSDL.
* Used **SSRS** for developing reports for analyzing the inflow and outflow of different documents, tickets.
* Used AJAX AutoComplete to provide better search experience. Used jQuery Effects to provide better user experience and used jQuery for client-side validations.
* Used **ASP.NET** Validation Controls and developed JavaScript to perform various Client-side validations.
* Used **MVC** for separating the application object model from GUI.
* Implemented Form Authentication and Authorization. Responsible for handling advance data querying capabilities with LINQ to SQL/Objects/XML and object relational mapping using Entity Framework.
* Used **GIT Repository** with VS extensions for the purpose of version control and source code maintenance needs.
* Performed **unit testing** and functional testing. Fixed the issues occurred during testing process.

**Environment:** Visual Studio 2012, .NET Framework 4.5, MVC 4, C#.NET, HTML5, CSS3, node js, JavaScript, Angular 2, ASP.NET, Restful Services, ASP.NET Ajax, WCF, Telerik, SSIS, LINQ to Objects, Data Entity Model, GIT, IIS 6.0, XML, Web Services.

**NEBF (National Electrical Benefit Fund), Rockville, MD. Jan 2016 – Mar 2017  
Role: .NET Developer**

Responsibilities:

* Responsible for creating pages using **HTML5**, **CSS3**, **JavaScript** and **Angular**
* Development was done using **Agile** methodology with daily scrums, paired programming using **TDD** and continuous integration using the **SDLC** process.
* Involved in developing **SSIS** Packages.
* Involved in writing test cases for testing the application in all different scenarios to check if all the functionality is working fine.
* Influenced adoption and set up of **Azure cloud** Environments for production, **User acceptance testing/Staging Environments.**
* Created Web Services using **WCF**, **RESTful** **web Services** to support the **SSRS** reports.
* Providing support for deployments in **UAT** and **PROD** Environments.
* Created complex **Stored Procedures**, **Functions**, **Indexes**, **Tables**, Views and other **T-SQL** code and **SQL** joins for applications following **SQL** code standards.
* Developed web page using **AngularJS** components like **controllers**, **routers**, **NG** app etc.
* Involved in using **Angular** for creating custom directives for **data manipulations** and to display data in company standard format in **UI**.
* Performed unit testing using tool **NUnit** and performed several integration testing and Jasmine for **Angular unit testing.**
* Provide the navigation between the pages by implementing **MVC** routing concepts.
* Used **MVC** with Razor view engine to design and develop the application.
* Implemented **Angular2 Router** to enable navigation from one view to the next as user performs **application tasks.**

**Environment**: Visual Studio 2012, ASP.NET 4.0, C#.NET, **Web API**, JSON, SSRS, Micro Services, XML, LINQ, SQL Server 2012, VS2015, GIT, Angular2, Microsoft Azure, SSIS, Html5, CSS, Bootstrap.

**MITS (Monarch Infotech Services Pvt. LTD), Hyderabad, India. Jun 2013 - Nov 2015  
Role: .NET Developer**

**Responsibilities:**

* Interacted with the client end-users during requirements gathering sessions.
* Extensively used List view and Pager Controls from **.NET** Framework.
* Used agile methodology for task breakdown and SCRUM meetings for achieving SPRINT plan milestones.
* Developed the win forms and dialogs using **C#.NET and WinForms controls**to display. Controlled the dialog size and controls using Dock and anchor properties.
* Involved in N-Unit testing and writing test scripts and scenarios.
* Used Test Driven Development and TFS for source control and bug tracking.
* Used Cascading Style Sheets (CSS) to apply styles to List View and some other tables in dashboards.
* Developed business logic layer and data access layer in **C#**.
* Developed Business Logic components in middle tier using C# and created complex business components in C#**.NET** using **.NET** Class Library assemblies.
* Used ADO**.NET** extensively for retrieving, querying, storage, and data manipulation for achieving continuous data base connectivity.
* Designed and developed custom **.NET** components and user controls using **ASP.NET** and C#.
* Involved in implementation of **MVC** architecture
* Used **TFS (**Team Foundation Server**)** for Source Code Control, project related document sharing and team collaboration.
* Used **SQL Data Adapters & Datasets** extensively for database activity in **.NET**.
* Written **NUnit**scripts for assertions in Unit testing.
* Generated the invoice reports, patient billing information reports using **Crystal Reports**.

**Environment:**Visual Studio 2010, ASP.NET 4.0, Web Services, WCF, LINQ, HTML5, CSS3, AngularJS, JavaScript, IIS, SQL Server 2008, AJAX, Entity Framework, TFS, SSIS, WPF.