**Roopa**

**Email: dotnetdeveloper1698@gmail.com**

**Phone: 7328602101**

**PROFESSIONAL SUMMARY:**

* **5+** Years of professional experience in development, implementation and testing of **N-tier Client/server** **Web** and **Windows** based applications using Microsoft **.NET** Framework and **SQL** server with **Agile** and **Waterfall** Methodology.
* Well versed in designing, coding, implementation of Internet/Intranet Applications (Web forms) and Web Services using **ASP.NET**, **MVC 5**, **VB.NET**, **C#**, **ADO.NET**, **Entity Framework** and Microsoft SQL Server.
* Strong Knowledge on **Front end Technologies** using **HTML5, CSS3, Bootstrap, JavaScript, jQuery, Angular.**
* Experience in designing **Master Pages** while creating the web application and used Cascading Style sheets for a unified look of the application.
* Have Excellent **debugging** skills. Able to debug complex technical issues including multiple system components.
* Hands on experience in designing applications using C# advanced concepts like **delegates**, **exception handling**, **generics**, **events**, **lambda expressions**, **LINQ**.
* Have Knowledge in XML related technologies like **XML/XSL, XSLT, XML Schema, DOM, SOAP, WSDL, Web-Services, and VBScript**
* Extensive experience in **relational database development**, for creating complex database queries, writing **Constraints**, **Indexes**, **Views**, **Stored Procedures**, Cursors and Functions using **T-SQL** in Microsoft SQL Server 2017/2014 and Oracle.
* Experience in using **Language-Integrated Query** (**LINQ** to **Objects**, **LINQ** to **XML**, and **LINQ** to **SQL**) and **Entity Framework**, **Ado.net** to retrieve data from different data sources
* Experience working in SQL Server Integration Services (**SSIS**) packages to extract, transform and load data from different databases.
* Experience in generating **Custom Reports** and different types of Tabular, Matrix and distributed reports in multiple formats using Crystal Reports and SQL Server Reporting Services (**SSRS**).
* Excellent understanding of **Web Services**and related concepts with real time work experience of creating web services and integration of web services within an application
* Extensively worked on **Web API**, **WCF** and Web Services to provide **SOA** architecture and Configuration based activation applications on **SOAP** and **REST** protocols.
* Provide consulting and **cloud architecture** for premier customers and internal projects running on **Microsoft Azure platform** for high-availability of services, low operational costs.
* Experience in Integration testing, writing **Test cases**, **Test plans**, **generating Test scripts**, **Bug analysis** and fixes.
* Excellent experience in Creating, Consuming and Publishing XML **Web Services (SOAP, REST, WSDL)** using .NET Framework and Solid understanding of Service Oriented Architectures.
* Experience in writing services to store and retrieve user data from NoSQL database like **MongoDB**.
* Good experience in deploying and testing web applications on **IIS**.
* Experience in using version controlling using **TFS**, **GIT**, **Bit Bucket.**
* Good team player with excellent communication and interpersonal skills and an ability to work individually or part of a team and good learner to adapt new technologies that improve the business.

**TECHNICAL SKILL MATRIX:**

|  |  |
| --- | --- |
| Microsoft Technologies | Microsoft .Net Framework, ASP.Net, ASP.NET MVC, WPF, WCF, XML, XSLT, Web Services, Microsoft Silverlight, ASP.NET Core, Microsoft Azure. |
| Front End Technologies | HTML5, CSS3, JavaScript, jQuery, Angular, Bootstrap, Node.JS, Kendo UI, Ajax, Responsive Web Design. |
| Programming Languages | C#.NET, VB.NET. |
| Development Tools | Visual Studio .NET 2010/2013/2015/2017. |
| Frameworks | Microsoft .Net 4.5/ 4.0/ 3.5/3.0. |
| Databases | SQL Server 2017/2014/2012/2008, Oracle 10g/11g. |
| Data Access Technologies | ADO.NET, LINQ, Entity Framework, NHibernate. |
| Reporting Tools | SSIS, SSRS, Crystal reports. |
| Version Controller | TFS, Bit Bucket, GIT. |
| Cloud | Microsoft Azure. |

**PROFESSIONAL EXPERIENCE:**

**Client: Solix Inc, Parsippany New Jersey Oct 2018 – Till Date**

**Description:** In the commercial sector, companies are increasingly turning to Solix for specialized customer care, case management, eligibility determination, prospecting, and management of confidential information. Solix services also include low income assistance eligibility processing, open enrollment assistance and concierge customer support.

**Responsibilities:**

* Involved in Software Development Life Cycle **(SDLC)** such as Analysis, Design, Development, and deployment, production support of a .Net application.
* Developed the cloud-based workflow applications using **ASP.NET 4.5 and MVC 5 with Razor syntax, C# 5.0, ASP.NET Core, SQL Server 2017, AJAX, jQuery.**
* Developed a responsive and professional User centric web application which supports desktop browser and mobile device form factors using **HTML5, CSS3, JS, jQuery, Bootstrap and Angular.**
* Involved in development of **Web Forms**, classes using **MVC** that incorporates both N-Tier Architecture, and Database Connectivity.
* Developed Business Tier using **C#.NET** to implement classes and methods for business logic.
* Used C# advanced topics like **Delegate commands** to handle the events at the client side on to the Silverlight pages and also created **Generic collection classes** for handling the data into the drop downs.
* Worked on **.NET Security features** such as **Authentication&Authorization**, Forms-based Authentication, Authorizing Users, Authorizing admin, Roles and User Account Impersonation, tracing.
* Used various **Asynchronous event handlers** to communicate between different view models.
* Used **Entity Framework** Code First approach for the Data Access Layer for the **ASP.NET MVC 5.0** application.
* Created and maintained database objects like complex Stored Procedures, Cursors, and Tables, Views, User Defined Functions, in **SQL Server 2017** for inserting/Updating/Deleting the data into the relational tables.
* Used Constructor **Dependency Injection** Principle in **SOLID** for this application.
* Developed various stored procedures for the data retrieval from the database and generation of different types of reports using **SQL** reporting services **(SSRS)** and **SSIS**.
* Responsible for making **AJAX** Calls for the UI Interactions to the Controller Actions using **Angular 2.X** and getting the Data back as **JSON** and parsing it onto the **UI**, used Ajax on server controls to avoid page post back and page flickering.
* Developed **Web API** Framework to build the **HTTP** Services and used Postman to test the **Web API**.
* Created **WCF Service** to retrieve and send information from client side without Post Back and consuming existing Web Services using SOAP, HTTP and WSDL.
* Developing the Documentation for **testing** and **testing the application** for performance issues and **data integrity, used X-UNIT for Testing.**
* Used **JIRA** for Source control and Project Management.

**Environment:** Visual Studio 2017, ASP.NET Core, HTML5, CSS3, JavaScript, jQuery, Angular 2.X, MVC 5.0, Entity framework, SQL Server 2017, Microsoft Azure, Bit Bucket, AJAX, X Unit, Web API, SSIS, SSRS, LINQ, JIRA.

**Client: Fresenius Medical Care, Boston MA May 2017 – June 2018**

**Description:** Fresenius Medical Care is a [German](https://en.wikipedia.org/wiki/Germany) company specializing in the production of medical supplies, primarily to facilitate or aid renal [dialysis](https://en.wikipedia.org/wiki/Dialysis). It is 30% owned by the [healthcare](https://en.wikipedia.org/wiki/Health_care) company [Fresenius](https://en.wikipedia.org/wiki/Fresenius_SE).

**Responsibilities:**

* Involved in requirements gathering, analysis, design, and code review and development stages.
* Used **HTML5, CSS3, JSON, JavaScript, jQuery, Bootstrap and Angular 2.X** for front end development.
* Designed and developed Hybrid-Single Page Application using**C# 5.0,**.**NET Framework 4.5, ASP.NET MVC 5.**
* Participated in UI design with Master Pages in**MVC 5** and improved layout with **HTML5, Bootstrap**, and **CSS3**
* Built **web services** in mid-tier to get data from **data layer** and feed them to presentation layers **ASP.NET Pages.**
* Used **DOM** with **JavaScript** to update, manipulate **asp.net web server** controls in **Windows application**.
* Used **Validation Controls** in **ASP.NET MVC**and developed custom validation controls for validating views.
* Designed and developed user interfaces using **ASP.NET MVC Partial Views** and multiple interfaces to transfer the data into different server.
* Developed Business Logic Layer using latest **C# .NET** features like Auto-Implemented properties and implicit variable declarations.
* Completely responsible for developing **utility classes**in**C# .Net 4.0**to manage Exceptions, Encryption decryption, Emails and Data Conversion techniques.
* Developed database objects such as tables, views, stored procedures, triggers and user defined functions for database operations in **SQL Server 2015**.
* Extensively used **BI/ETL (SSIS & SSRS)** tools to transfer data between two different systems and to generate reports.
* Used Entity Framework Code for the Data Access Layer in the **ASP.NET MVC 5.0** application using **HTML5**, Razor view and used **LINQ** to Entities, LINQ to Dataset to get the data from the backend.
* Developed services which are used by **Controllers** and **Models** for various operations on the **Views**
* Developed Windows Communication Foundation **(WCF)** and consumed Web Services as well as Restful Services as well as Consumed**Web API RESTful** for building Service-Oriented Application hosted by **IIS**.
* Used Constraints, Indexes, Views, Stored Procedures, Packages, Cursors, Triggers and User Defined Functions in SQL Server.
* Worked on **AJAX** controls like Update Panel to manage the post back of the web page to server, AJAX Script Manager and Script Manager Proxy controls to register **JavaScript** and web service files.
* Converted .Net application to **Microsoft Azure** Cloud Service Project as part of cloud deployment.
* Developed test-driven development **(TDD)** strategy guiding use of the Nunit unit testing framework.
* Maintaining the Source code using **TFS** in a multi developer environment.

**Environment:** .NET Framework 4.0, Visual Studio 2015, SQL Server 2015, ASP.NET 4.0, SSRS, Ajax, CSS, XSD, LINQ, NUNIT, WCF, IIS, C#, Azure, SQL Server 2015, TFS.

**Client: Cross Country Mortgage, Parma OH Jan 2016 – April 2017**

**Description:** Approved Seller/Servicer. Cross Country Mortgage offer a wide portfolio of home purchase, refinance, and home equity products and we are licensed in 50 states. We have been recognized on the Inc. 5000 List of America’s Fastest Growing Private Companies four years in a row (2012–2015), as well as the Weatherhead 100 list of Northeast Ohio’s Fastest Growing Companies.

**Responsibilities:**

* Involved in requirement gathering, designing and coding the front end, back end and key functionality
* Created Technical Design Document, **UML** (Use Case Diagrams, Sequence Diagram, Class Diagram) , Process flow Diagram, Data Flow Diagram
* Developed Application using **.NET Framework, Object Oriented Principles (OOP) (C# and VB.NET), and n-Tier Architecture.**
* Developed Application layer using **ASP. Net, Server controls, HTML Controls, Data Grid, Data List and Validation controls.**
* Designed Graphical User Interface **(GUI)** for various web pages using **Angular, CSS, JavaScript.**
* Created generic inheritance using **template page class** in **C#** and used for page level exception and error logging
* Achieved personalization in the application for each client and Developed **web pages** using **Classic ASP**, **Java script and VBScript**.
* Implemented **ASP.NET MVC** pattern mechanism to display product catalogs and categories.
* Use **ASP.NET AJAX** Toolkit controls like Script Manager, Update Panel and Timer within some existing web pages.
* Worked in **ASP.NET security mechanism** such as **Authentication** and **Authorization**.
* Configured the application using the **Web.Config** file for setting Security, Error handling, Session State and other issues
* Developed parameterized **SQL** queries and stored procedures to query database tables in **T-SQL.**
* Developed DAL using **LINQ** Data context object with **ADO.NET** Entity Framework for LINQ, invoked DB tables and stored procedures and Implemented LINQ Lambda Expressions to query in memory expression.
* Created packages to import Flat File and **CSV** file Data into SQL SERVER using **SSIS.**
* Developed and host Web Services like **WCF, Restful** services to integrate with Email client and support applications using **C#.NET**.
* Developed N-tier distributed **.NET** applications using **Rest**, **Soap based Web services**.
* Involved in **Unit testing**, **Modular testing** and successful integration of modules and multiple layers in the system.
* Used **TFS** for source code control, project related document sharing and team collaboration.

**Environment:** Visual Studio 2015, ASP.NET, C#, ADO.NET, Visual Studio, SQL Server 2012, T-SQL, ADO.NET, SSIS, .NET Framework, AJAX, XML, JavaScript, Win forms, Web Service, WCF, XAML, HTML, LINQ, IIS 7.0, N-UNIT, Agile Methodology, TFS.

**Client: Wipro - India June 2013 – Dec 2015**

**Role: .NET Developer**

**Responsibilities:**

* Involved in the Analysis, Design and Development of secure dynamic web application using **ASP.NET**
* Used **C#.Net, ASP.Net** for GUI design and business logic implementation.
* worked on all **3 tiers** of the application facing key challenges on Business and Database layers.
* Developed **page layout**, copy, navigation, animation, icons and buttons.
* Wrote **Java Script, jQuery** validations for efficiently validating the web form data.
* Involved in using all the best features of **ASP.NET** including Dataset, Data View and Data Adapter.
* Implemented Web Applications like **Caching Services** to boost performance and **Security Services** to identify users and prevent unauthorized access.
* Used **Global.asax** files to handle **Global Events** which are fired for different reasons.
* Implemented **XML** web services using **C# and ASP.NET** and developed code behind classes and reusable components in **C#.**
* Developed **WCF web services** for secure communication with server from client side in c#.
* Created components in **VB.Net** that can be reused on several pages.
* Created **SQL** Database and developed **tables**, **triggers**, **views** and optimized SQL server stored procedures.
* Develop stored procedures and User Defined Function **UDF** to create and update tables and views in **SQL** databases
* Responsible for connectivity to database using **ADO.NET** Components.
* Created SQL Server Integrating Services **SSIS** Reusable packages to extract data from **XML, XSLT** files into Database Systems.
* Assisted in the design and development of **reports** in SQL Server using **SQL Server Reporting Services SSRS**.
* Used **AJAX Controls** to increase the responsiveness of the web application, used **AJAX Toolkit** for user Interface Development.
* Performed and resolved **cross-browser issues**, Unit Testing and Documentation along with **N-unit testing**.
* Ensuring coding standards and practices are met regarding coding and documentation.

**Environment:** ASP.NET, ADO.NET, C#, Visual Studio 2008, VB.Net, JavaScript, SQL Server 2008, IIS, Crystal reports.