**PROFESSIONAL SUMMARY:**

* Around 8+ years of experience in IT including analysis, designing, development, testing, bug fixing and implementation in the **Software Development Life Cycle (SDLC)** of **Client-Server** and **Web-Server** for various N - Tier applications using **Microsoft** Technologies.
* Strong experience in **Waterfall** and **Agile** Methodologies in Application Development with hands on experience working on **Agile** Development Team following **SCRUM** Methodology and paired programming using **Test Driven Development (TDD).**
* Experience in deploying .**NET** applications through **IIS** using built-in tools as well as other tools.
* Experience in creating dynamic web pages to get faster response time and to obtain partial updates using **ASP.NET**, Master pages and **AJAX** framework.
* Hands on experience in developing applications using **MVC 4, ASP.Net, ADO.Net, and C#, HTML, CSS, JavaScript, Bootstrap** and **SQL Server.**
* Experience in developing client/server, internet & intranet applications using **ASP.NET, C#, Web API, SOA, Web Services, HTML4/5, DHTML XML, ADO.NET, VBScript, JavaScript, SQL Server, AJAX, Angular, WCF, jQuery** and **CSS.**
* Extensive experience in database integration, utilizing **VB.NET** to connect and interact with SQL Server and other relational databases, ensuring data accuracy and security.
* Extensive experience on .**NET** security features such as Authentication & Authorization, Windows-based Authentication, Forms-based Authentication, Authorizing Users and Roles.
* Experienced in developing **Web Forms** and **Web** **Services** in **ASP.NET, C#.NET.**
* Experience in working with **ASP.NET MVC** and **Entity Framework** as **ORM** Mapping tool for **Data** **Access** layer.
* Experience with **Data Accessing** including using **Data Adapter, Data Reader,** and **Dataset** in **ADO.NET** and **Language Integrated Query (LINQ**) Providers for data manipulation.
* Expertise in creating/consuming **Web Services** including **WCF with XML, WSDL, UDDI** and **SOAP**.
* Expertise in developing windows communication foundation services to expose useful functionality to Web users and developed **Web APIS** for backend data communication.
* Experience in developing **Microservices** to utilize .**NET Core REST Webservices** in the client's environment.
* Adept at integrating **Angular.js** with **RESTful APIs** in **.NET,** enabling efficient data communication and ensuring data-driven web applications with secure and reliable connections.
* Well versed in **N-Tier** Architecture and Web applications using Windows forms, Web forms and Windows services, **SOAP, IIS** and **XLST.**
* Good experience on working with **ASP.NET** **Model-View-Controller (MVC),** Language-Integrated Query (**LINQ**) in **Web pages** to retrieve and modify data.
* Hands on experience in developing front end applications with **Angular**, backend applications with **C#/.NET**, and database interaction with **Microservice** architecture using **.NET.**
* Extensive experience in Responsive web-based page and site designs using **HTML, XHTML, DHTML, CSS**, **Bootstrap** and **AJAX**.
* Proficient in the **React** **JS** framework, specializing in the development of single-page applications (SPA) and adept at crafting a custom and reusable **React** Components Library.
* Experience in deploying applications with **Cloud Services** by creating a simple **Cloud Service** with Visual Studio, testing it locally, deploying to a live **AWS Cloud** environment.
* Good experience on **AWS** Services like **S3, EC2, IAM, VPC, Redshift, CloudWatch, Load Balancing, Lambda, SNS, SQS**, and **EFS** etc.
* Expert in hosting **Windows Web APIs, ASP.NET** applications in **IIS** and creating Cloud Instance using **AWS** for deployment in product environment.
* Strong experience in deploying and hosting .NET applications on **Azure App Service**, ensuring scalability, high availability, and automatic scaling.
* Worked in **Azure** **DevOps** services, CI/CD Pipelines for Build and Release, API Development.
* Experienced in seamlessly integrating **TypeScript** with .NET technologies, enabling the creation of responsive and dynamic web applications.
* Experience in **RDBMS** Concepts, Database Management Systems, Database Physical and Logical design, **Data** **Mapping**, Table normalization, **Data** **Modelling**.
* Proficient in writing Constraints, Indexes, views, cursors, Triggers and User Defined Functions using **T-SQL**.
* Excellent knowledge of **Object-Oriented Design** Patterns and **Model View Controller (MVC).**
* Hands-on experience with **SQL Server Integration Services** (SSIS) and **Reporting Services** (SSRS) packages for import and export of data for creating reports for Business users and Management.
* Knowledge in using Source Controls like **Team Foundation Server** (TFS), **Subversion** (SVN) and **Visual Source Safe** (VSS).
* Proficient in **Troubleshooting** complex technical issues across diverse **.Net platforms,** including **.Net Framework, .Net Core,** and **ASP.Net.**
* Experience in writing test cases with **N-Unit** and **Karma** for Unit test and performing end to end test using Protractor.

**Technical Skills:**

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| --- | --- |
| **.NET Technologies** | .NET Framework, C, ASP.NET, ASP.NET MVC, ADO.NET, VB.Net, LINQ, WPF, WCF, WinForms, WebForms, ADO.NET, Entity Framework, |
| **Web Technologies** | HTML, HTML5, XHTML, Angular.js DHTML, CSS, AJAX, XML, XSD, JavaScript, TypeScript, JQuery, XAML, React.js Web Forms, Razor, Blazor, Web Services, IIS, Angular, React |
| **Cloud**  | AWS, Azure |
| **Databases** | SQL Server, Oracle 11g, MS Access |
| **Reporting Tools** | Crystal Reports, SSRS, SSIS, UML |
| **Other Tools** | Visual Studio, Visual Studio Code, MS SQL Server |
| **Version Control Tools** | VSS, Git, TFS, SVN |
| **Design Patterns** | MVC, MVVM |
| **Operating System** | Microsoft Windows XP Pro, 2000, 2003, NT, XP, Vista, 7 |

**Professional Experience:**

**Client:** **Homesite insurance, Boston, MA Oct 2021 - Present**

**Role: Sr .Net Developer**

**Responsibilities:**

* Gathered client requirements and converted them into the technical specifications and developed **Web Forms** using **C#.NET.**
* Involved in calling Stored Procedures and Functions from Entity Framework using **C#.NET, VB.NET** and **Visual Studio 2019.**
* Developed Web apps using **ASP.NET MVC, C#.NET, VB.NET, LINQ, Entity Framework** and **WCF**.
* Used .**NET Framework 4.5** N-tier architecture and **Object-Oriented Programming (OOP)** concepts (**C#)** for Application Development.
* Developed front-end apps using **HTML5, DHTML, CSS3, JavaScript, AJAX, XML, jQuery, JSON**.
* Developed service class in **Windows Communication Foundation (WCF)** service to retrieve the customer payment details for processing payments.
* Developed Restful service using **Web API** for communicating with the in-rule service.
* Published **Web services** using **C#.NET** to interact with the other applications and exposed them using **SOAP** and **HTTP**.
* Used **ASP.NET Web API** as the platform for building **Restful** applications on the **.NET Framework.**
* Used **Web API** controllers which support **GET, POST, PUT**, and **DELETE**.
* Worked on **ASP.NET Web API** framework for building **HTTP** services that can be accessed from various clients, such as **browsers** and **mobile** devices.
* Designed the web **UI** using **Razor** **View** **Engine**, **HTML, XSL/XSLT, JavaScript, CSS, JQuery, Bootstrap, Web Forms** and **AJAX** controls.
* Used **React.js** within the **.NET** Framework, seamlessly blending the power of **JavaScript** and **React** component-based architecture to deliver dynamic and interactive user interfaces.
* Integrated **React.js** components with **ASP.NET MVC** to create feature-rich web applications, leveraging the strengths of both technologies for enhanced user experience and efficient data flow between the front-end and back-end layers.
* Deployed and hosted **ASP.NET** applications on **Azure** **App Service**, leveraging the platform's scalability, high availability, and automatic scaling capabilities.
* Worked on bringing on Perm **SQL** Data into **Snowflake** Bronze layer using **ADF** and developed **data** **modelling** in silver layer and created **pipeline** to load data from Bronze to silver incrementally
* Used **Azure DevOps** for source control, continuous integration, and continuous deployment **(CI/CD)** pipelines, automating the build, test, and deployment processes of the web applications.
* Utilized **Azure API** Management to create and manage APIs, providing secure access and monitoring capabilities for external consumers.
* Deploying **ASP**.**Net** Core web application and **API** to ECS Fargate using an **Azure** **DevOps** pipeline.
* Involved in Designing and Developing the **Power** **BI** **Data** **Modelling** using multiple **DAX** **Expressions** to build calculated columns and measures.
* Developed **XML Web Services** and **WCF** services common for various applications using **.NET Framework**.
* Worked on existing complex **SQL Codes** to fix the errors and change the procedures to match the requirements for various business reasons.
* Implemented **PL/SQL** queries, triggers, Packages and Stored Procedures as per the design and development related requirements of the project.
* Created SSRS Data Model projects using **Microsoft** **Visual Studio 2019** and using Report Builder for report server to facilitate Ad-hoc reporting by the business users.
* Document **troubleshooting** and problem resolution steps where necessary.
* Proven track record of efficiently **diagnosing** root causes of issues and proposing effective solutions for seamless problem resolution.
* Working on **Azure** **DevOps**, CI/CD Build and Release Pipelines and Deployment in cloud.
* Involved in configuring and managing source using **GIT**.
* Used **WPF, Win Forms** with **C#,** developed windows application parallel to project.
* Proficient in conducting comprehensive testing of desktop applications developed using .NET framework.
* Strong expertise in designing and executing test cases for unit, integration, functional, and UI testing.

**Environment:** .NET, ASP.NET MVC, Razor, C#.NET, VB.NET,Azure, Visual Studio 2019, Win Forms, C#, Entity Framework, WCF, HTML, CSS, JavaScript, JQuery, Ajax, LINQ, T-SQL, Azure Devops, Shell Scripting, Restful, MongoDB, TFS, Git, Jira, Agile, React, React.js.

**Client:** **Mercedes-Benz Financial Services, Roanoke, Texas May 2019 – Sept 2021**

**Role: Sr .Net Developer**

**Responsibilities:**

* Worked on modern software development models and theories, such as the **object-oriented programming (OOP)** model, event-driven programming.
* Gathered client requirements and converted them into the technical specifications and developed **Web Forms** using **C#.NET**. Designed and created various **User Controls, Custom Controls.**
* Created Console and Windows executable applications that monitor and validate various kinds of logs for weekly, monthly, and annual report.
* Consumed web services in applications to display data from database and change database.
* Created **ASP.NET** Web Forms and Class Libraries containing code for business and data access logic using **VB.NET**. Created Flow Charts using **MS Visio**.
* Developed Security Layers in **VB.NET** for user Authentication. Coded updates and clean up, converted code from **VB** to C++ when moving code from the business layer to the application layer.
* Developed client-side **JavaScript framework** using **Knockout.js** employing **ASP.NET MVC** and **Web API.**
* Used **ASP.NET MVC, CSS, JavaScript, AngularJS**, and **C#** to create **Razor** views with strongly typed view models and **HTML** Helpers, as well as partial views.
* Worked on application design pattern **Abstract Factory, MVC, MVP, WCF, N-Tier, Domain Driven** Design, Inversion of Control, Object per **Query** etc.
* Worked on **RESTful** service framework, **C#, SQL, HTML, XML/XSLT, CSS**, Enterprise service framework.
* Used **Web Services, SOAP, XML** and **XSL** to expose the reports to facilitate information sharing.
* Implemented **MVC framework** to reduce the complexity and to get full control over the behavior of the application.
* Worked with various **AngularJS** Expressions, **Directives, Filters,** and **Controllers.**
* Used **NodeJS**, **AngularJS**, **Backbone.js** and Require.js MVC Frameworks in the development of web applications.
* Involved in analyzing requirements for application. Extensively involved in reporting table structures and **web forms based front end**.
* Developed **PowerShell** Desired State solution to ensure server compliance in **AWS.**
* Wrote **.Net Core/NodeJS** for **Amazon** **Lambda** to manage some of the **AWS** services.
* Designed and built **AWS** fail-overs, fault tolerance website with auto-scaling and load testing with multiple **EC2** instances.
* Worked on performance monitoring tools like **AWS Cloud Watch** and Stack driver.
* Implemented **WCF** services and better logging exception management support to help in the premature detection of new problems.
* Involved in writing complex **Database Queries**, Adored procedures, Trigger, View, Functions using **SQL, MS** **SQL Server 20012.**
* Worked on the **UI** layer using **HTML, CSS, and JavaScript** to give a good look and feel for the site.

**Environment:** ASP.NET, VB.NET, C#, ADO.NET, AWS (EC2, Lambda, CloudWatch), SQL Server 2012, HTML, CSS, XML, XSLT, JavaScript, Oracle SQL Developer, Microsoft Visual Studio, IIS, SOAP, Restful, MVC, JQuery, Ajax, Web Forms, PowerShell.

**Client:** **Amway Corp, Delhi, India Aug 2017 – Mar 2019**

**Role: .Net Developer**

**Responsibilities:**

* Gathered requirements based on the documentation provided for the application and generated functional specifications and technical specifications.
* Developed new product features for the high-profile single page application applying knowledge of **ASP.NET** **MVC, TypeScript** resulting in consistent deployment of major products updates.
* Used **.NET MVC, n-tier** architecture and **Object-Oriented Methodologies** for application development.
* Designed and implemented **Business Layer** using **ASP.NET.**
* Designed and implemented **User Interface** Layer using **ASP.NET MVC** architecture.
* Worked on Server-side validations using **C#** and **ASP.Net** validation controls and client-side validations using **TypeScript.**
* Created and hosted **Restful** Services, **Web services** and **Web API** also used different bindings to make it available to different types of clients.
* Implemented Dependency Injection on **Web API** controller with Entity Framework for handling restful requests and responses using **C#.NET.**
* Developed the front-end screens in **ASP.NET** and **C# .NET** using **Visual Studio**. Created different business classes and interfaces using and **.NET Core** and **.Net Framework 4.6** with **OOP** Methodology.
* Refactored the desktop application applying knowledge of **.NET Core, ASP.NET Core** and **WPF** and added additional features improving performance and usability by 20%.
* Designed and implemented Data access layer using **ADO.NET** to connect and retrieve or manipulate database information.
* Adept at seamlessly incorporating **Model-View-Controller (MVC)** architectural patterns within **Angular** and **Angular.js** applications, ensuring organized and efficient code structures.
* Implemented **MVC 4.0** to reduce complexity and to get control over the behavior of the application.
* Used **ASP.NET AJAX** and updated web pages to implement **AJAX** functionality to enhance app.
* Develop and maintain responsive web applications using **Angular**, ensuring a seamless and user-friendly experience for customers.
* Created and developed independent **WCF** services and defined service contracts for specific functionality in search module.
* Created **SQL** command on Data layer to access data from Database and to insert data in database.
* Imported data from flat files to **SQL** Server database using **SSIS** Also used **Azure** for Scaling and checking the reliability of the applications which were developed during the project
* Converted .Net application to Microsoft **Azure** Cloud Service Project as part of cloud deployment.
* Designed and developed the components for implementing business logic in middle tier of the development architecture that interact with **SQL Server** database using managed provider with **ADO.NET.**
* Implemented **PL/SQL** queries, triggers, Packages and Stored Procedures as per the design and development related requirements of the project.
* **Troubleshooting** production incidents requiring detailed analysis of issues on web and desktop applications, batch jobs, and databases.
* Used **Jira** to keep track of various stages of the bugs and incidents.
* Worked on **Agile Methodology (Scrum)** to meet timelines with quality deliverables.

**Environment:** .NET Framework, ASP.NET MVC, ASP.NET Core, ASP.NET Web API, ADO.NET, .NET Core, C#, WCF, WPF, Entity Framework, LINQ, MS Visio, SQL, Azure, TypeScript, JQuery, HTML5, CSS3, Visual Studio, TFS, Jira, Agile.

**Client:** **Thomson Reuters, Chennai, India Jun 2015- Jul 2017**

**Role: .Net Developer**

**Responsibilities:**

* Involved in full **Software Development Life Cycle (SDLC)** of application and analysis of the system based on **N-tier** architecture.
* Designed and developed the technical detail design documents based on functional requirements.
* Developed this application using **Microsoft's .NET** Framework technologies.
* Implemented the design of functionality through use cases, business process flows, **UI** design and **UML** modelling following **Waterfall** methodologies.
* Developed and designed the User Interface using **XML, HTML, XSL, XSLT, Cascading Style Sheets (CSS)** and **ASP.NET 2.0.**
* Developed a reusable custom data access layer using **ADO.NET** and provided production support through meticulous application troubleshooting.
* Developed a **Web** **Service** to retrieve user profiles from Active Directory for user authenticity validation and generated daily reports using **SSRS** as per company requirements.
* Proficient in **React.js,** with a focus on creating dynamic and responsive user interfaces for web applications, ensuring an optimal user experience.
* Experienced in managing the state of **React** applications efficiently, using tools like **React** Context to ensure data integrity and improve the application's performance.
* Adept at implementing **AWS** security best practices, including **IAM**, **VPC** configurations, and encryption, to ensure data protection and regulatory compliance in **.NET** applications hosted on **AWS**.
* Skilled in designing and implementing serverless solutions on **AWS**, using services like **AWS** **Lambda**, **API** **Gateway**, and **S3**, to reduce operational overhead and improve cost-efficiency.
* Experienced in using **TypeScript** for front-end development to create responsive and user-friendly web applications, enhancing the overall user experience.
* Designed database in SQL Server 2012, wrote many complex queries and stored procedures to handle the business rules for various data transactions.
* Implemented **XML** **Web Services** in C**#** based on **SOAP** protocols using **XML** and **XSLT** extensively for data transfers.

**Environment:** .NET, ASP.NET MVC, Win Forms, C#, Entity Framework, AWS, React, React.js, WCF, MS Visio, Crystal Reports, HTML, CSS, TypeScript, JQuery, Ajax, SOAP, SQL Server.

**EDUCATION:**

JAWAHARLAL NEHRU TECHNOLOGOICAL UNIVERSITY Hyderabad, TS, India

BTech in COMPUTER SCIENCE AND ENGINEERING June 2011 - March 2015 Major in Computer Science