## **Satwik Reddy**

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**Ph.:** +1 (913) 353-5373 **Senior Dot Net Developer**

## **Professional Summary:**

* Having 9+ 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).**
* Good experience in gathering requirement analysis, architecture, design and development of enterprise N-tier applications, documentation of user requirements, functional, systems Integration and architectural specifications.
* 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, Angular2, WCF, jQuery** and **CSS.**
* Extensive experience on .**NET** security features such as Authentication & Authorization, Windows-based Authentication, Forms-based Authentication, Authorizing Users and Roles.
* Experience with **Data Accessing** including using **Data Adapter, Data Reader** and **Dataset** in **ADO.NET** and **Language Integrated Query (LINQ**) Providers for data manipulation.
* 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.
* Hands on experience in developing front end applications with **Angular**, backend applications with **C#/.NET**, and database interaction with **Microservice** architecture using **.NET.**
* 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.
* Extensive experience in Responsive web-based page and site designs using **HTML, XHTML, DHTML, CSS**, **Bootstrap** and **AJAX**.
* Good experience on working with **ASP.NET** **Model-View-Controller (MVC),** Language-Integrated Query (**LINQ**) in **Web pages** to retrieve and modify data.
* 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.
* Expertise in developing windows communication foundation services to expose useful functionality to Web users and developed **Web APIS** for backend data communication.
* Expertise in creating/consuming **Web Services** including **WCF with XML, WSDL, UDDI** and **SOAP**.
* Experience in developing **Microservices** to utilize .**NET Core REST Webservices** in the client's environment.
* Well versed in **N-Tier** Architecture and Web applications using Windows forms, Web forms and Windows services, **SOAP, IIS** and **XLST.**
* Expertise in using Language-Integrated **Query (LINQ to Objects, LINQ to XML, and LINQ to SQL**) and retrieve data from different data sources.
* Proficient in SQL Server, Oracle, and **Database 2** for database development, including queries, stored procedures, functions, triggers, and views.
* Extensive experience on Queries, Stored Procedures, Functions, Triggers and Views in **SQL Server 2005/2008/2008 R2** and **Oracle** to access database.
* Proficient in writing Constraints, Indexes, views, cursors, Triggers and User Defined Functions using **T-SQL**.
* Experience in creating **WinForms** for in-house Windows applications using **C#.**
* 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).
* Experience in Unit Testing, User Acceptance Testing to check whether all the business objective requirements are archived.
* 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, LINQ, WPF, WCF, Win Forms, WebForms, ADO.NET, Entity Framework |
| **Web Technologies** | HTML, HTML5, XHTML, DHTML, CSS, AJAX, XML, XSD, JavaScript, JQuery, XAML, Web Forms, Razor, Web Services, IIS |
| **AWS Services** | S3, EC2, IAM, VPC, Redshift, CloudWatch, Load Balancing, Lambda, SNS, SQS, and EFS |
| **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: Ally Bank - Sandy, Utah Aug 2021 to Present**

**Role: Senior C#.Net Developer**

**Responsibilities:**

* Designed and created application using **ASP.NET 5.0/4.5** using **C#** as major developing language.
* Used **JavaScript**, **jQuery** and **Ajax** to develop user interactive **web applications.**
* Implemented **web accessibility** coding standards to ensure compliance with accessibility guidelines.
* Implemented **MVC**, controllers, directives, services, factories, single page applications, filters and third-party angular module integrations.
* Created and deployed XML **Web Services (WCF)** using **ASP.NET** and **C#,** used them to generate the proxy class files based on the **web services** and consumed in web application.
* Created **WPF** controls and to create communication framework using **WCF**.
* Extensively used **AJAX** and **JSON/XML** data to get server-side data and display it to users.
* Created and altered various stored procedures, joins, functions and views as per requirements.
* Used **Entity Framework** Code First approach for the Data Access Layer for the **ASP.NET MVC 5.0** application.
* Used **Model-View-Control (MVC)** architecture with **Razor** Engine in web applications to view the **HTML**.
* Worked extensively on performance improvement in **UI** as well as stored procedures.
* Created front-end applications for customer search using **Angular** and **APIs** with **.NET Core.**
* Developed, deployed, and maintained .NET applications on **Microsoft Azure cloud platform**.
* Utilized Azure services such as **Azure App Service, Azure SQL Database, and Azure Functions** to build scalable and reliable solutions.
* Designed and implemented microservices architecture using **.NET Core on Azure** to enhance scalability, maintainability, and deployment flexibility.
* Implemented CI/CD pipelines using **Azure DevOps** to automate the build, test, and deployment processes, ensuring efficient and reliable software delivery.
* Leveraged **Azure Functions** to implement serverless computing for specific tasks, optimizing resource utilization and reducing operational costs.
* Used **ASP.NET Web API** for **RESTful** **Web API service.**
* Used **JQuery** and Cascading Style Sheets for formatting front end. Worked on the **UI** layer using HTML, CSS, and **JavaScript** to give a good look and feel for the site.
* Worked with **IIS 10** and **.NET** Assemblies during application deployment.
* Implemented Service oriented architecture using **SOAP Webservices.**
* Deployed application to all lower environments including **UI** changes and generated/executed script to move database changes.
* Implemented new projects builds framework using **Jenkins** and **Maven** as build framework tools.
* Used **TFS** extensively to keep track of story and hours worked in a task.
* Used **ALM** to keep track of bugs and fixes.
* Used **Microsoft** sign tool to sign the applications developed using a digital certificate.
* Followed Agile methodology by having daily status calls with project managers, business analysts and tech leads.

**Environment:** .Net 6, ASP.NET MVC 5, C#, VB.Net, ADO.NET, Azure Cloud, Razor Engine, Microsoft Visual Studio 2019, TFS, SSIS, MVC, Entity Framework, PowerShell Scripting, SQL Server 2012/2018, WCF, HTML, CSS, XML, JQuery, IIS 10

**Client: Experian - Costa Mesa, CA Oct 2019 to Jul 2021**

**Role: Senior .Net Developer**

**Responsibilities:**

* Gathered client requirements and converted them into the technical specifications and developed **Web Forms** using **C#.NET.**
* Developed Web applications 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.
* Worked with **Azure SQL Database** for efficient data storage, retrieval, and management.
* Implemented data synchronization and replication strategies for high availability.
* Integrated **Azure Active Directory** for secure authentication and authorization in .NET applications.
* Implemented Single Sign-On (SSO) solutions for seamless user experiences.
* Utilized **Azure Monitor** for tracking application performance and resource utilization.
* Designed applications with **Azure Load Balancer and Auto Scaling** to ensure optimal performance during varying workloads.
* Implemented security measures such as encryption, key management, and role-based access control (RBAC). Accessed and performed the data analysis on **RDS** data service (**Oracle**).
* Developed the front-end applications using **HTML5, DHTML, CSS3, JavaScript, AJAX, XML, jQuery, JSON** and **AngularJS**.
* 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 WebAPI** 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, AngularJS, Bootstrap, Web Forms** and **AJAX** controls.
* Involved in calling Stored Procedures and Functions from Entity Framework using **C#.NET, VB.NET** and **Visual Studio 2019.**
* 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**.
* 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.
* Developed **XML Web Services** and **WCF** services common for various applications using **.NET Framework**.
* 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.
* Involved in configuring and managing source using **GIT**.
* Used **WPF, Win Forms** with **C#,** developed windows application parallel to project.

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

**Client: Early Warning – Scottsdale, Arizona Mar 2017 to Sep 2019**

**Role: Senior .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.
* Involved in analyzing requirements for application. Extensively involved in reporting table structures and **web forms based front end**.
* 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.
* 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.
* Consumed web services in applications to display data from database and make change to data in database.
* Worked on application design pattern **Abstract Factory, MVC, MVP, WCF, N-Tier, Domain Driven** Design, Inversion of Control, Object per **Query** and etc.
* Worked on **RESTful** service framework, **C#, SQL, HTML, XML/XSLT, CSS**, Enterprise service framework.
* Used **NodeJS**, **AngularJS**, **Backbone.js** and Require.js MVC Frameworks in the development of web applications.
* 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.
* 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.**
* 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: Sun Pharmaceutical Industries Ltd- India Apr 2014 to Nov 2017**

**Role: .Net Developer**

**Responsibilities:**

* Worked on **Agile Methodology (Scrum)** to meet timelines with quality deliverables
* Developed new product features for the high-profile single page application applying knowledge of **ASP.NET** **MVC, JavaScript** resulting in consistent deployment of major products updates.
* Used **.NET MVC, n-tier** architecture and **Object-Oriented Methodologies** for application development.
* Gathered requirements based on the documentation provided for the application and generated functional specifications and technical specifications.
* Designed and implemented **Business Layer** using **ASP.NET.**
* Designed and implemented **User Interface** Layer using **ASP.NET MVC** architecture.
* 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%.
* 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.
* Designed and implemented Data access layer using **ADO.NET** to connect and retrieve or manipulate database information.
* Implemented **MVC 4.0** to reduce the complexity and to get full control over the behavior of the application.
* Used **ASP.NET AJAX** and updated web pages to implement the **AJAX** functionality to enhance the application.
* Involved in customizing the Web Forms **Data grid** for **GUI**.
* 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.**
* Worked on Server-side validations using **C#** and **ASP.Net** validation controls and client-side validations using **JavaScript.**
* Worked with **IIS 7** and **.NET** Assemblies during application deployment.
* 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.**
* Implemented **PL/SQL** queries, triggers, Packages and Stored Procedures as per the design and development related requirements of the project.
* Used **Jira** to keep track of various stages of the bugs and incidents.

**Environment:** .NET Framework 4.6, ASP.NET MVC, ASP.NET Core, ASP.NET Web API, ADO.NET, .NET Core, C#, WCF, WPF, Entity Framework, LINQ, IIS 7, MS Visio, SQL, JavaScript, JQuery, HTML5, CSS3, Visual Studio 2016, TFS, Jira, Agile