**Bhargavi Reddy**

**Full Stack .Net/Web Developer**

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**Professional** **Summary**

* Full stack .Net developer having 7+ years of professional experience in Efficient Application Design, Development, and maintenance.
* Experienced in working with different Software Development Life Cycle (SDLC) models like Waterfall and Agile/SCRUM in a fast-changing environment.
* Hands on technology experience of designing and developing software applications with Microsoft .NET Framework 4.5/4.0, 2.0/3.0/3.5 using C#, VB.Net, ASP.NET and ADO.Net.
* Developed Full-stack web applications using modern programming languages and MVC web development frameworks.
* Good hands on knowledge and experience in using software design patterns such as Microservices, MVC, Abstract Factory, Singleton, Facade, Bridge, Decorator, Chain of Responsibility and Interpreter in .Net Applications.
* Responsible for designing User Interface screens using Master Pages, jQuery, Themes, HTML, CSS, Java Script, and AJAX Tools and goodhands on knowledge of OOPS.
* Good knowledge in working with Angular JS, Bootstrap and having experience with Microsoft AzureServices like IaaS and PaaS.
* In-depth knowledge of front-end Single Page Application (SPA) development using AngularJS and Angular 6/7/9 JavaScript frameworks.
* Extensive usage of JavaScript, NUNIT, Bootstrap, jQuery/AJAX, JSON, HTML4/5, CSS2/3, Worked extensively on Angular 6/7 framework and had experience working with Ng-Modules, components, Observables, ng-router, AUTH-guards.
* Excellent experience in implementing WCF, Web API, Restful Services which communicate data in both XML & JSON and Experienced in implementing applications using Entity Framework, Windows Presentation Foundation (WPF), NUNIT and MVC.
* Experience in Multithreading in WPF for performance optimization while accessing data from remote data storage including EDI/XML mapping to business object processes. Worked on client WPF application using C# 6.0, XAML, MVVM, Unity Container, Custom controls, and behaviors.
* Solely architected and designed the new Web UI and Web API Layer in working with .NET features like Events & Delegates, Collections and Exception Handling.
* Knowledge on database applications using VB.NET and C# with SQL Server and Microsoft Access as the databases using ADO.NET Components.
* Responsible for CI/CD using Jenkins integrating with TFS, MS Build, Git, SVN, TFS, Azure Devops.
* Good understanding of RDBMS and NoSQL through Database Design, writing queries and stored procedures, Functions and using Triggers to perform administrative tasks and to carryout business requirements using databases like MS SQL Server, Mongo dB, Oracle 9i and MySQL.
* Experience in using Source control tools like Team Foundation Server (TFS), GitHub and SVN.
* Excellent communication skills, active learner and a good team player who will be a perfect fit in any team.

**Technical Skills**

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| **Programming Languages** | C#, ASP.NET, .Net Core, VB.Net, SQL, T – SQL, PL/SQL, XML, XAML, HTML, LINQ, AJAX, Web Forms. |
| **Web Technologies** | ASP.NET, MVC, JSON, Xml, Web Services, Microservices, MVVM, CSS, JavaScript, HTML, AngularJS, Angular 6/9, jQuery, and Bootstrap, VBScript, NHIBERNATE, Multithreading, WPF, WCF, Web API, Telerik, Kendo UI controls. |
| **Data Base** | SQL Server 2016/2014/2012 (T-SQL, Stored procedures, Triggers, DML, DDL, DTS, SSIS), RDBMS, Oracle,ADO.NET, ActiveX, DLL. |
| **Protocols** | SOAP, SSL, FTP, TCP/IP, HTTP. |
| **Reporting Services** | Crystal Reports, SQL Server Reporting Services (SSRS), QA. |
| **Application Tools** | Visual Studio 2019/2017/2015/2013, Front Page, SQL Enterprise Manager, SQL Management Studio. |
| **Operating Systems** | Windows Server, XP. |
| **Servers** | Enterprise Servers IIS Server, Commerce Server, Content Management Server. |

**Professional Experience**

**Moonshot Innovations, Kansas, KS Oct 2020- Present**

**Full Stack .Net Developer**

Moonshot involves in working for different tenants and I majorly involved in one of the tenant Staffbridge which is a staffing company, solely developed for health care staffing firms to automate workflow from requisition to hire and schedule to invoice.

**Responsibilities:**

* Working in Agile and scrum Methodology for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
* Worked on different client side applications depending on the need which includes development, enhancements, bug fixes, and documentation.
* Designed and developed front-end user interface using HTML5, CSS3, Bootstrap 3/4 and Angular 9.
* Used Cross-Origin Resource Sharing (CORS) to allow cross-domain access between API and Angular Client.
* Created the Web API controllers in ASP .Net MVC to build, maintain Restful API’s, also consumed API’S client side using Angular data binding.
* Developed various services in angular that consume REST services from the backend written in .NET. Also Utilized reusable components and guards to better accommodate the complete web application.
* Developed application using ASP.NET Core along with a Service Oriented Architecture (SOA).
* Used Microsoft Azure platform for the building, managing applications and deploying web applications.
* Involved in migrating few of the Web API endpoints to Azure platform and involved in managing certifications from Azure key vault.
* Involved in managing dynamic Google Analytics for different tenants.
* Involved in converting few legacy applications which is written in VB .net to C#.
* Worked on LINQ to SQL for querying the database and for data manipulation tasks.
* Heavily involved in code review, build and deployment with **GIT, Azure Devops**.
* Heavily involved in working with IIS.
* Performed source and version control using Git.

**Environment**: .Net Core, .Net Framework 4.5, Angular 9, HTML5, CSS3, Bootstrap 3/4, , C#, ASP.NET Web API, MS SQL Server 2016, Git, JavaScript, Typescript, Node.js, Visual Studio 2019, Visual Studio Code, Azure Devops, OAuth.

**QUEST DIAGNOSTICS, Kansas, KS Jan 2019- Sep 2020**

**Senior .Net Developer**

This project is an Interview Central application where the application is used by both individual users and call center users which is used to take the interview as a part of applying for life insurance where the call center people take the interview on behalf of users while the users are on call and the individual users take the interview online. And I am involved in rewriting the legacy application into new application for both web (Angular) and windows (WPF).

**Responsibilities:**

* Participated in Requirement Analysis study and Involved in requirements gathering.    
  Worked with functional teams to define and implement migration strategies from legacy systems to new architecture and technologies.
* Created rich and interactive UI using WPF (styles, triggers and templates to create a modern look and feel).
* Extended a custom domain driven microservices architecture built on top of ASP.NET Web API and the HTTP protocol.
* Built RESTful (Http/JSON) link to server-side back-end and worked on WEB API for implementing REST web service.
* Implemented JWTToken based authentication to secure the ASP.NET Core Web API and provide authorization to different users.
* Developed web pages using JavaScript and jQuery to enhance theme and several client-side validations.
* Worked on Single Sign-on using Channel secure Authentication.
* Worked on Two-way data binding in Angular 2.0/4.0 using SQL and NoSQL.
* Worked on Angular 6 by consuming Restful web services and forms with templates driven and modern driven to perform validations on both sides of the server and client.
* Implemented Angular 5 Controllers to maintain each view data and implemented Angular Service calls using Angular Factory.
* Worked on integrating third party tool ASPECT DIALER into our C4 application which was developed in WPF.
* Involved in migrating the application from Angular 2.0 to Angular 5/6 and .Net 4.5 to Net CORE 1.0.
* Worked on production issues for legacy application which was written in VB 6.
* Worked on several production issues and conclude to a resolution of the issues after thorough analysis and interaction with end users for the legacy application.
* Deployed web application to Microsoft Azure Service Fabric and managing the session and using CI/CD pipeline for deployments.
* Extensively analyzed database and written several Stored Procedures, queries and SQL query tuning using T-SQL in SQL Server 2016.
* Used LINQ to retrieve information from the XML data files and various data sources.
* Worked on numerous several design documents that included description of the code fix for the documentation purpose.
* Involved in daily SCRUM meetings to keep track of the ongoing project status and issues.
* Used Team Foundation Server (TFS) for source code version control.

**Environment:** jQuery, JavaScript, Web API, Bootstrap3, Entity Framework, WPF, Web API, Microservices,C#, XML, Angular 6, Visual Studio 2019, Visual Code, .Net Core,HTML5, VB6, CSS3, IIS, SQL Server 2016, multi-tiered architecture, Single sign-on, T-SQL, TFS, Azure.

**AVANADE, Austin, TX Jan 2018 – Jan 2019**

**Senior Web Developer**

This project is a Health Insurance (Claims) based application which is developed for state specific (STATE OF VIRGINIA) where I am involved in developing and maintaining the application.

**Responsibilities:**

* Followed Scrum and Test-Driven Development Methods in Agile Scrum Methodology to produce high Quality software.
* Involved in developing web applications using ASP.NET MVC 5 and Designed and developed front end using JavaScript, jQuery and Angular 5, Bootstrap etc.
* Created View Models to encapsulate all models and classes used on the different views for more stable, organized and clean code to reuse in Views.
* Created web application prototypes to paint a vision for front -end user interaction with useful static information using custom modules in Angular 5.
* Designed and developed RESTful API's for clients with Microsoft Web API framework.
* Followed SOLID principles and design patterns in designing the Application Layers.
* Implemented WEB API Services for CRUD operations with HTTP verbs GET POST, PUT and DELETE.
* Used Angular 5 HTTP Request to get data from web servers and process JSON data to render in the UI and designed user interface using Angular 5.
* Used JSON Serializer in data contract of WCF to generate the data in JSON format.
* Hands on experience with IAM to set up user roles with corresponding user and group policies using JSON.
* Experience in testing Web services using SOAP UI tool, validating WSDL, request and response XML.
* Formulated system design, methods, procedures, policies and workflows affecting Medicare/Medicaid claims processing in compliance with government compliant processes such as HIPAA/ EDI formats and accredited standards.
* Used Entity Framework Database First approach for the Data Access Layer for the ASP.NET MVC 4.0 application.
* Used Windows Azure to deploy the application on cloud and managing the session.
* Wrote T-SQL Queries, stored procedures, Joins and LINQ queries to process large collection of products, rules and used ADO.NET data reader, data adapter, SQL command and dataset for retrieving data from database.
* Maintaining the version control of the project in Team Foundation Server (TFS) by merging the module developed with latest version in TFS.
* Performed Nunit testing to ensure Quality in application and data.

**Environment:**jQuery, JavaScript, Web API, Bootstrap, Entity Framework, Web API, C#, Angular 2/4, Azure,Visual Studio 2017, Visual Code, CSS3, IIS, SQL Server 2014, Nunit.

**Prime Healthcare, Ontario, CA Dec 2016- Jan 2018**

**Mid-level .Net Developer**

The project deals with Medical Information System. The main objective of this system is to provide emergency information of the individuals, who have registered with this system to the consulting doctor.

**Responsibilities:**

* Involved in Full Life Cycle Development (SDLC), provided value added services with development teams and clients throughout the life span of a project and worked on Agile Methodology to practice-based methodology for modeling and documentation of software-based systems.
* Experience in designing and developing the Client-Server and Distributed Web Applications with ASP.NET MVC 3.0. Designed web pages using Razor syntax.
* User interface is decoupled using MVC architecture with ASP.NET implemented already as the frontend.
* Developed Windows Communication Foundation (WCF) Services using C# for exposing the functionalities of the enterprise business components at the Business Layer.
* Used .NET validator controls for validating the information provided by the user and implemented input validation using the ASP.NET Input Validation Controls.
* Created Master Pages for the Header and Footer of the page for consistent look across all the pages and also themes for the pages.
* Used Ajax Controls like Script Manager which manages the client-side script of Ajax and Update Panel which enables sections of a page to be partially rendered without a post back.
* Written JavaScript, jQuery functions for Client-side code to implement different functionalities in validations.
* Involved in deploying desktop applications, web applications, websites and console applications to the Azure Cloud.
* Used ADO.NET to Connect to the Database that provides rich set of components for creating distributed, data-sharing applications and used ADO.NET objects such as Connection Object, Command Object, Data Reader Object, Dataset Object and Data Adapter Object.
* Wrote T-SQL Queries, Stored procedures, Joins, Triggers to process large collection of products and used Data Reader, Data Adapter, SQL Command and Dataset for retrieving data from database using SQL2008.
* Working with AJAX and JSON to communicate with RESTful web services.
* Responsible for maintaining versions of source code using Team Foundation Server (TFS).

**Environment**: .NET Framework 3.5/4.0, WCF, C#.NET, WPF, ASP.NET MVC 3.0, ASP.NET 3.5, AJAX, XSLT, CSS, XSD, LINQ, JavaScript, jQuery, UML,Azure, Angular 2, SQLSERVER 2012, Visual Studio 2015, IIS, web services.

**SMS Country Networks, Hyderabad, India Aug 2012–Feb 2015**

**.NET Technical Associate**

In this project, we developed an interactive website which provides services like SMS gateway service provider, customers in Financial Services, Education and Stock.

**Responsibilities;**

* Implemented features of AJAX controls such as Update Panel, Update Progress bar, Model Popup Container, Calendar Controls, Repeater Control, and Validation controls, Dataset.
* Working on implementing code in business logic layer and Data access layer.
* Designing and developing graphical user interface (GUI) using C#.Net.
* Migrating data from different sources like Flat File sources, Oracle database etc.
* Working on both front and middle tiers of development using ASP.NET and C#.NET.
* Designing, developing, Testing and Implementing the Application.
* Using LINQ statements, views, User Defined Functions, Stord Procedures for inserting/updating/deleting the data into the relational tables.
* Extensively worked on creating CSS, Master Pages, Theme and Site Definition to enrich the portal and tocontrol the styles.
* Involved in deployment of the application to the QA Server.
* Implemented ASP.NET security and Authentication modes provided by IIS and ASP.NET.
* Writing Stored Procedures and Functions using MSSQL Server 2005.
* Worked with Windows Services for sending SMS and email.

**Environment:** C#.NET, ASP.NET, ADO.NET, SQL Server 2008, Visual Studio 2013.

**Education**

* **Bachelor’s in Computer science**  September 2008 – May 2012

Jawaharlal Nehru Technological University, Anantapur, India

* **Master’s in Computer Science**  March 2015 – December 2016

Bellevue University, Omaha, Nebraska