Name: Bhavishya Reddy
Sr. Microsoft .Net Developer
Email: bhavireddy92@gmail.com
Mobile: +1(815)-408-3222
LinkedIn: www.linkedin.com/in/bhavireddy92

Professional Summary:

- Overall 10+ years of strong professional **.NET** development experience in requirements analysis, system design, development, implementation, and coding of web applications using **Microsoft .NET** technology.
- Involved in all aspects of Software Development Life Cycle (**SDLC**) using **Agile Scrum**, **Waterfall** methodologies.
- Experience in building web applications using **.NET** technologies, Web Applications, Web Services, **ASP .NET MVC 5** with **Razor, .NET Framework** 3.5/4.0/4.5/5.0/6.0, **C# (**Strong **OOPS), ASP .NET CORE, ASP .NET 5.0, ADO .NET, LINQ, WCF**, **SQL Server**, **WPF**, **MSSQL**, Win forms, Web forms.
- Extensive **JavaScript, TypeScript, ECMA script** knowledge including the proficient use of **Design Patterns** such as MVC, Singleton, Session Façade, Service Locator, Visitor, Observer, Decorator, Front Controller, Data Access Object.
- Extensive experience in **ADO .NET** objects, **Entity framework**, using **LINQ** to Entities, **LINQ** to **XML**, LINQ to Objects.
- Expert in implementing **Microservices, Service Oriented Architecture (SOA)** with **XML** based **Web Services.**
- Skilled in implementing a diverse range of front-end **authentication strategies**, including token-based authentication (**JWT**), **OAuth** and **OAuth2**, session-based authentication, and Single Sign-On (**SSO**).
- Leveraged web services with technologies like **SOAP, REST, XML and WSDL**. Experienced on **REST** services using **ASP.NET Web API** and **C#,** used **Web API** to provide services to **HTTP** Requests.
- Experience in working with Object Relational Mapping (**ORM**) technologies that include **Entity Framework** (EF) and Language Integrated Query (**LINQ**) to fetch and consume data from databases.
- Well experienced in developing **Single page applications (SPA)** and client-side functionalities with various rich **UI** and responsive features along with performance functionalities in web applications using frameworks and concepts like **JavaScript**, **jQuery, Bootstrap, AJAX, JSON, HTML5, XML, XSLT, XHTML.**
- Proficient in implementing Filters, Validations, Controllers, Components, Directives, Routings, Factory and Services in **AngularJS 1.5/1.6** and **Angular 8/9/10/11/12/14.**
- Skilled in developing various web pages using **React JS** and used various predefined components from **NPM** and **Redux** Library.
- Expertise in database (**RDBMS**), programming, implementation and development using **MS SQL** Server **SSIS**, **SSRS** and **Oracle, PostgreSQL.**
- Skilled in creating complex Stored Procedures, Views, Triggers, Functions, **T-SQL**, Indexes, Joins, and Cursors using **PL/SQL**.
- Extensive experience with **NoSQL** databases like **MongoDB**, **Cassandra**, **Redis, DynamoDB.**
- Skilled in Messaging queues like **Apache Kafka, IBM MQ, Rabbit MQ** for asynchronous messaging among **Microservices**.
- Extensive experience in using **AWS** like **EC2, VPC, Cloud Watch, Cloud Front, IAM, S3, RDS, Elastic Cache, SNS, SQS**.
- Highly experienced in **CI/CD, Azure Cloud, Microservices, Docker, Jenkins,** and **Kubernetes.**
- Hands-on experience in implementing **CI/CD pipelines** using **Azure DevOps**, ensuring efficient and automated software delivery.
- Experience in **automated testing** in collaboration with **QA.**
- Experienced in testing tools like **Jasmine, Karma,** and **Postman** in backend for testing **APIs**.
- Proficient in **API** testing tools and frameworks (**Postman, Swagger UI**) in planning, execution, automation, and documentation.
- Hands-on experience with Source control tools like Team Foundation Server (**TFS**), **GIT** and **SVN**.
- Extensive experience in using Build Tools such as **Maven**, **Gradle** and version control tools such as **GitHub**, **Bitbucket**.
- Excellent Project Management skills using **JIRA, Azure Boards** to administer projects in Agile Scrum.

Technical Skills:

Programming Languages	C, C++, C#, .NET (6.0/5.0/4.5/4.0/3.5/3.0), VB.Net (10.0, 9.0, 8.0), Python
.NET Technologies	AJAX, ASP.NET, ASP.NET Core, .NET5, .NET6, .NET7, ASP.NET MVC, Entity Framework, Entity Framework Core, ADO.NET, WPF, WCF
Web Technologies/ Frameworks	Angular 8/9/10/11/12/13/14, React, Redux, Bootstrap, Vue.js
Web Scripting Languages	JavaScript, JSON, jQuery, CSS, HTML, DHTML
DevOps Tools	Jenkins, Docker, Kubernetes.
Database	SQL Server 2016/2017/2018/2019, Oracle 19c/12c/11g, Mongo DB, MySQL, Dynamo DB, PostgreSQL
XML Technologies	XML, XHTML, DHTML, XSL, XSLT, SOAP, WSDL, Web services
Cloud	Azure, AWS, PCF
Testing Frameworks	JUnit, NUnit, Jasmine, Karma, Mocha, TestNG, Cucumber, Jest, Selenium
Version Control Tools	TFS, GIT, VSS, SVN, GitHub
Web Servers	IIS, Apache Tomcat

Professional Experience:

Client: Broadridge, Newark, NJ   **April 2022 – PRESENT**
Role: Sr Full Stack .NET Developer

Project Description:

As a Sr Full Stack .NET developer at Broadridge, Our team is responsible for designing and maintaining platforms for automated trading and portfolio management, allowing clients to execute trades and manage investments more efficiently. Our team is also responsible for developing solutions for Automated trade processing and settlement. My responsibilities included developed & engaging web pages using technologies like ASP.NET, .NET Core, Angular, and more .The project aimed to provide new trade settlement system for its clients in the financial industry. I focus on implementing different REST APIs to pull customer data and used Transport Layer Security to safeguard data transmission between clients and servers over the network.

Roles and Responsibilities:
- Involvement in requirement gathering, analysis, designing, documenting, implementing, and testing websites by following **Agile/Scrum** methodologies.
- Implementation of **Microservices architecture**, orchestrating the seamless transition from **monolithic** to a distributed and scalable system.
- Used **Express** Framework to set up middleware to respond to **HTTP** requests with the help of **Node JS.**
- Developed application as web-based n-tier application with **UI** in presentation layer using Visual Studio 2022 **.Net core 6**, **ASP.NET MVC 5.2.9**, business logic in middle layer using **C#.Net**.
- Developed **ASP.NET Core 6.0 Web API** based on departmental requirements and specifications.
- Worked with advanced concepts of **ASP .NET Core MVC** like Models, providers, Filters used for developing back-end services.
- Worked on **.NET Web API** framework or building **HTTP** services that can be accessed from various clients, such as browsers and mobile devices.
- Developed **Restful Web Services** using **WEB API** for communicating with the in-rule service.
- Used **ASP .NET MVC 5,** for developing views, controllers and models using, **Razor**, Data Access layer as **Entity Framework**, Service layer as **ASP.NET Web API** and used **C#.NET** for writing logic for developing various abstract classes, interfaces.
- Used Code First Approach and **Entity Framework** for Data Access Layer (**DAL**).
- Implemented authentication mechanisms, such as **API** keys, **OAuth2.0** or token-based authentication (**JWT**), to secure **API** calls.
- Developed **Client-side** architecture for UI development using **AngularJS, CSS,** and integration with **MVC 5.0/Web API** and Coding, unit & integration testing.
- Involved in development of web application using **MVC5** and server-side code using C# classes and **.NET Framework 4.8**, and front-end technologies like **AJAX** Library, **JSON, CSS3, HTML5 and jQuery**.
- Designed **ETL** packages for extracting the data and loading it into the appropriate tables in the database using **SQL Server Integration Services (SSIS).**
- Written various **T-SQL** Queries, created Indexes, triggers, views, functions, Stored Procedures in transact **SQL** and **PL/SQL** for accessing data using the **SQL Server 2022**.
- Developed **PowerShell** scripts for automating tasks related to **Azure DevOps**, such as creating and managing build and release pipelines.
- Implemented **Azure DevOps** Services for project management tasks, source code repository, continuous integration, and deployment (**CI/CD**).
- Used **Apache Kafka** Connect to synchronize data with a **SQL-based** backend database in **Azure**, ensuring efficient and scalable data processing while maintaining data consistency across the distributed system.
- Designed and developed independent, containerized **microservices** using .**NET Core**, Azure Kubernetes Service (**AKS**), and **Docker**, enhancing application modularity, resilience, and facilitating agile development practices.
- Monitored and optimized **IIS** performance to ensure efficient resource utilization and fast response times.
- Hands-on experience in UI development, reporting with **SQL** Server Reporting Services (**SSRS**), Power BI, and code version maintenance with Microsoft Visual Source Safe (**VSS**) and Team Foundation Server (**TFS**).
- Responsible for automation and orchestration of deployment to various environments using **Gitlab**, **CI/CD** Pipelines.
- Performed **Back-End Testing** (**NUnit**) for data validation using **SQL Queries** and developed a **QA automation test** framework to ensure the code reusability and code.
- Involved in **Unit Testing, Integration Testing** and **Regression Testing** in a regular basis to improve the performance of the application.
- Utilized the **Jira** tool for defect management, ensuring effective tracking and resolution of software issues.

Environment: ASP .NET, MVC5, C# .NET, Web API, Angular 14, IIS, PL/SQL, .Net Framework, Visual Studio 2019, TFS, Entity Framework, VB.Net, Web Forms, JSON, Web API, Bootstrap, PostgreSQL, MY SQL, swagger, XML, C#, jQuery, HTML5, LINQ, JavaScript, CSS3, AJAX, GIT, Azure Functions, Azure API Management, CI/CD, Jira.

Client: CVS Health, Woonsocket, RI   **Sept 2020 – Feb 2022**
Role: Full Stack .NET Developer

Project Description:

As a Full Stack .NET developer at CVS, our team was responsible for maintaining and enhancing a module of the CVS's Customer Loyalty program application. The project aimed to provide a customer loyalty program that fosters long-term relationships, increases customer retention, and boost overall sales for CVS pharmacy. I have used ASP.NET to develop a web-based application for member portal. My primary responsibility was to create an account by providing details, contact information, and track the users spending transaction points for their loyalty card.

Roles and Responsibilities:
- Worked within an **Agile** development process, using **TFS** to plan sprints, create backlogs, and manage work items accordingly.
- Developed web pages using **ASP.NET, MVC 5, ADO .NET, C#, Angular 12/10, HTML5, CSS3, Bootstrap, JavaScript, jQuery, LINQ, XML.**
- Developed server-side APIs using technologies such as **ASP.NET Web API** or **ASP.NET Core** and Integrated mobile applications with backend services and **APIs** using .NET technologies such as **ASP.NET Web API.**
- Consumed **RESTful APIs** from the .NET backend and other external services using **Vue.js**, handling data retrieval and updating.
- Worked in designing, coding, testing, and maintaining software applications using **VB.NET** and the **.NET** framework which involved developing both web and desktop applications.
- Created **Typescript** reusable components and services to consume **REST API's** using Component-based architecture by Angular.
- Developed and exposed end points using **ASP.NET Web API 2.0** and integrated **.NET** core Pipelines and used token-based authorization using **OAuth 2.0.**
- Developed Web application using **ASP.Net, ASP.Net Core 5.0, MVC5, and C #, ADO .NET, JavaScript, Angular.**
- Implemented **Angular 12** frameworks in **AJAX**-driven websites using proxy to get data from backend in form of **JSON** to populate on UI components.
- Worked on **Angular 12** by consuming **RESTful** web services and used Angular 12 forms like **Template** Driven forms and Modern Driven forms to perform form validations both on server and client side.
- Created **JSON** Data and stored it as documents comprising documents, data types and conversions in **MongoDB**. Executing and Composing **MongoDB** scripts to insert and update the **NoSQL** database and reporting.
- Optimized **Microservices** using NodeJS and ES6 as interfaces to **MongoDB** NoSQL database.
- Used **AWS** to deploy the project on **EC2** instance. Created highly tolerant, highly scalable java applications using AWS **Elastic Load Balancing, EC2, VPC** and **S3** as part of process and security improvements and using **EBS** to ensure seamless data persistence and enabling dynamic provisioning of storage volumes based on application needs.
- Integrated with **SonarQube** with **Jenkins** for continuous inspection of code quality and analysis with scanner for **Maven**.
- Work experience on serverless deployments through **AWS CLI.** Changing the AWS infrastructure **Elastic Beanstalk** to **Docker** with **Kubernetes**.
- Implemented **RabbitMQ** message queues and pub/sub patterns to enable seamless communication between microservices, promoting asynchronous communication and improving system responsiveness and scalability.
- Worked with **ADO .NET, Lambda expressions** to query and retrieve selective based information from collection objects.
- Developed reusable components and services using **TypeScript** to perform **CRUD** operations based on AngularJS structure and concept of dependency injection, promoting code reusability and maintainability.
- Using **GitHub** for Source Code checking checkout and working on creating build and deploy pipelines in **Jenkins** for **CI/CD**.
- Worked on **.NET security features** such as **Form-Based Authentication** and **Role-Based Authorization**.
- Created Automation Testing Framework using **.Net Selenium** to test application functionality and responsible to add test scenarios and review **test scripts** written by testing team.
- Utilized **JIRA** tool for defect management, ensuring effective tracking and resolution of software issues.

Environment: ASP.Net Core 5.0, .Net Framework 4.8, C#, Typescript, Angular 12, Web API, ADO .NET, OAuth 2.0, JWT, VS Code, C#, CSS3, AWS, AWS Lambda, Cloud Front, CLI, EC2, S3, HTML5, Twitter Bootstrap, JavaScript, jQuery, AJAX, Mongo DB, Rabbit MQ, Gulp, NUnit, Selenium, IIS, VSTS, GIT, TFS, Jira.

Client: State Of Tennessee, Nashville, TN   **Aug 2018 - July 2020**
Role: Full Stack .NET Developer

Roles and Responsibilities:
- Worked closely with the team working on **Predictive Algorithms** and helped in design, development, and release of the application.
- Experienced with **Agile** methodology and familiar with document drafting and **Agile Scrum** Software Development Life Cycle (**SDLC**), DevOps as well as Waterfall methodologies.
- Developed **ASP.NET WEB APIs**, written in C# which form the backbone of the application in collecting the data and returning the expected payloads data will help in visualizing the data.

- Used asynchronous programming techniques to make non-blocking **API** calls, ensuring responsiveness in the application.
- Integrated **VB.NET** applications with external systems and **APIs**.
- Played a major role in developing a web application using various technologies such as **ASP.NET, MVC, C#, JavaScript, jQuery, Bootstrap, Entity Framework, ReactJS, and AJAX.**
- Responsible for UI screen development, database object creation, and preparing presentations. Experienced with **RESTful** web services, accessibility guidelines, and dynamic web page design.
- Worked with **Entity** Framework**, MVC** architecture, **React,** and **Excel** for data manipulation and import.
- Created web services using **ASP .NET WebAPI** 2 (HTTP, REST), **WCF** (SOAP) consumed them in the front-end using **AJAX** calls**.**
- Responsible for developing the reusable Components on **UI (Razor Views)** by developing the Partial Views, View starts, and reusable components for implementing the business rules with **C#** and **OOPS.**
- Validated the client-side user inputs with **ASP .NET MVC** validation controls and custom java scripts.
- Used **React/Redux** event handling mechanism to dynamically assign events on web controls.
- Extensively used **React UI for ng-grid** and **UI components** and responsible for making **AJAX Calls** for the UI Interactions to the Controller Actions using **jQuery** and getting the data back as **JSON** and parsing it onto the **UI**.
- Worked with Web Services, and State management, caching features, configuring optimizations and securing the web application. Developed the Code-behind files in **C#.NET** and **VB.NET** core.
- Migrated data from on-premises data servers onto **Microsoft Azure** Cloud platform utilizing **Azure data factory** and deployed the application to **Microsoft Azure Cloud Service** project as part of cloud deployment.
- Deployed applications on **Azure**, utilizing **HTTP** for client/server communication, and supporting **SQL** Server in an **Azure PaaS** environment.
- Interacted with backend **Oracle** and developed **Stored Procedures, Triggers, Functions** and **Cursors** for deleting and inserting using **PL/SQL,** to calculate and update the tables to implement logic using **Oracle.**
- Worked on **Oracle** as the backend database and integrated with **.NET Core** to retrieve **Data Access Objects (DAO)**. And Performed **CRUD** operations using **Oracle-DB repositories**.
- Configured build pipelines in **Azure DevOps** to automate the compilation and build processes.
- Created complex store procedures and functions on **SQL Server 2017** Databases.
- Implemented a **CI/CD** pipeline involving GitLab, **Jenkins**, **Chef, Docker**, and **Selenium** for complete automation from commit to deployment.
- Developed **REST/WCF** Web services, **ASP.NET WEB APIs** and involved in pre-testing using **POSTMAN.**
- Performed Unit testing using **NUnit, Integration Testing, Performance Testing** and **System Testing** and Resolved **functional issues** reported by QA and involved in production support.
- Worked on **TFS** for version control, **Code Review** and for automatic builds and continuous Integration.

Environment: ASP.NET WebAPI, MVC, React, Bootstrap, AJAX, HTTP, REST, SQL Server, WCF, HTML, WebAPI, SOAP, Azure, TFS, Postman, Entity Framework, JavaScript, HTML, CSS, jQuery, Azure API, Oracle, PostgreSQL, Azure PaaS, NUnit, Integration Testing, Git, Azure Boards.

Client: GE HealthCare Milwaukee, Wisconsin   **Nov 2016 - June 2018**
Role: Sr .NET Developer

Roles and Responsibilities:
- Developed **MVC** applications using **ASP.NET MVC**, **IIS 8.0, SQL Server 2016**, and **Visual Studio 2013/2015.**
- Hands-on experience with **MVC, Entity Data Model, RESTful,** and **WCF** services for application development.
- Expertise in configuring business rules using a content management server and creating web services through **WCF**.
- Worked extensively on HTML, Bootstrap, Telerik controls and CSS to design rich web pages or styling the webpages.
- Used **Razor** engine for creating web pages in **Model View Controller (MVC)** architecture in the **ASP.NET** web pages.
- Implemented **Web Services** in **C#.NET** and **VB.NET** based on **SOAP** protocol using **XML** and **XSML** extensively for data transfer.
- Designed the **Web UI** and **Web API** Layer and created different single-page applications using React.
- Used **ADO.NET** extensively to access the database (**SQL, Oracle**).
- Experienced with source management tools such as **TFS, VSS**, and Subversion **SVN**.
- Hands-on experience creating, consuming, and configuring **WCF** Services with **SOAP, WSDL** and data to develop Service Oriented Architecture (**SOA**) applications, and REST Services using Web API.
- Used View Data, View Bag and Temp Data for data communication between controllers and views of **MVC** Web application.
- Developed several **SOAP** and **REST API**-based internal tools and deployed in Cloud Foundry, **AWS S3**, and **Kubernetes.**
- Used Validation Controls in **ASP.NET MVC** and developed custom validation controls for validating views of web page.
- Called web services from ReactJS to perform database operations like **INSERT, DELETE** and **UPDATE** operations.
- Generated business intelligence reports using **MS SQL** Server reporting services and have worked with Azure virtual machines.

- Excellent in Configuration Management, setting up Company Version Policies, build schedule using Team Foundation Server (TFS).
- Implemented the **Object relational Mapping (ORM)** with **EF Code first.**
- Exposed the **API Metadata** using **Swagger** for external systems.
- Performed **Unit Test** to fix the bugs and ensure the application error-free.

Environment: ASP.NET MVC, Bootstrap, AJAX, ADO.NET, WCF, VSS, SVN, TFS, AWS, AWS Lambda functions, MS SQL, Oracle, Git, BitBucket, SOAP, WSDL, Web API, NPM, Swagger, System Testing, Unit Testing.

Client: PNC Bank, Pittsburgh, PA   **Feb 2015 - Oct 2016**
Role: .NET Developer

Roles and Responsibilities:
- Hands-on experience in designing, developing, and testing various applications and services using technologies such as Windows Forms, Web Forms, **Web Services, IIS, ASP.NET, C#, XML Dataset, and .NET Framework**.
- Implemented a subaccount web application from scratch based on .**NET Core 1.1,** including dependency injection (**DI**) and **Entity Framework** Core, identity user roles.
- Used **Angular 2** to connect the web application to back-end **APIs** and wrote custom directives for a responsive, CSS-animated user interface.
- Coded business logic and database logic for the Product Microservices using **ASP.NET Core 1.1,** Entity Framework Core, and the repository pattern within a Microservices architecture.
- Implemented **CRUD** operations using **HTTP** services to call Product, Order, and Account services.
- Created and maintained unit tests for verifying controller actions.
- Utilized Crystal Reports for creating reports, **ADO.NET** for database access, and performed unit testing.
- Worked on cross-browser compatibility using **jQuery** and implemented client-side **JavaScript, DHTML** scripts, and server-side Regular Expressions for **input validation**.
- Designed and implemented databases in **SQL Server 2014**, generated reports using SQL reporting tools, developed **ASP** pages using VB, and used **XML** and **XSL** Transformations. Utilized **CSS**, and **jQuery**, and assisted in system testing and database development.
- Implemented automated testing using tools like SpecFlow and **Selenium** WebDriver to perform end-to-end testing.

Environment: VB.NET, ADO.NET, Visual Studio, SQL, VSTS, C#, ASP.NET, ASP.NET Core 1.1, HTML, CSS, ADO.NET, jQuery, DHTML, SQL, API, Web Services, IIS, XML, HTTP, XSL.

Software Engineer   **Aug 2013 - Nov 2014**
Cyient, Hyderabad, India

Roles and Responsibilities:
- Developed and deployed a web application using **Waterfall** methodology.
- Used **ASP.NET, HTML, DHTML,** and **CSS** for web page development.
- Employed **LINQ** to **SQL** for database manipulation and retrieval.
- Implemented **WCF** and web services for data transmission and Incorporated client-side and server-side validations using **ASP.NET** validation controls.
- Developed custom modules with **ASP.NET** and **C#**. Created WinForms applications using **C#** and **SQL** servers. Used **ADO.NET** and data objects for **SQL** data access.
- Wrote stored procedures and functions in **T-SQL** for data operations.
- Utilized **XAML** User Controls and Resource Dictionaries for efficiency.
- Employed **C# 4.0** for business logic and event handling.
- Performed **Azure SQL** database management and migration and Leveraged **LINQ** for querying databases and datasets.
- Implemented authentication and authorization features using **OAuth.**
- Performed Unit Testing by using the automated testing framework **NUnit.**
- Used Team Foundation Server **(TFS) for** integrating project works.

Environment: WPF, C# 4.0, LINQ, IIS, WCF, ASP.NET, HTML, CSS, SQL, XAML, Agile Scrum, LINQ, T-SQL, NUnit, TFS.

Education: Bachelor of Technology in Computer Science – Acharya Nagarjuna University.