**SAI TEJA**
**Email**: sai.teja9658@gmail.com
**Phone**: 929-274-5908
**Position**: .NET Full Stack Developer

**Professional Summary**

* Over 10 years of experience in the analysis, design, and development of web-based and client-server applications.
* Strong proficiency in C# .NET stack with expertise in .NET Version 9.
* Demonstrated expertise in both front-end (user interface) and back-end (services, database integration) development using tools like Visual Studio and SQL Management Studio.
* Skilled in applying software engineering principles: problem-solving, data structures, algorithms, and patterns.
* Proficient in .NET Core technologies, including ASP.NET, .NET Core, C#, ADO.NET, and others.
* Experienced with Kafka and asynchronous messaging processing systems, microservices, and APIs.
* Skilled in full-stack development, capable of shipping and operating large-scale systems.
* Proficient in deployment/CI/CD experience, including Azure DevOps.
* Solid SQL skills and familiarity with RDBMS like SQL Server or PostgreSQL.
* Understanding of distributed systems design, implementation, and operation.
* Proficient in cloud services, including Microsoft Azure and AWS, with hands-on experience in various cloud-based architectures.
* Experienced in Configuration Management using tools like TFS and Visual Source Safe (VSS).
* Expertise in developing Single Page Applications (SPA) using Angular and React, including Angular Material Design, Components, and Services.
* Skilled in creating and managing SQL Server objects, SSIS Packages, SSAS, and SSRS.
* Proficient in developing robust User Interfaces (UI) using modern web standards and technologies such as HTML5, CSS3, JavaScript, React, Angular, and Bootstrap.
* Extensive experience with Agile methodologies, Test-Driven Development, and UML design (Use Cases, Sequence Diagrams, Class Diagrams).
* Developed comprehensive precision farming systems integrating real-time IoT data from soil and weather sensors using Azure IoT Hub and Azure Machine Learning.
* Engineered systems for real-time environmental data monitoring and analysis, utilizing ASP.NET Core, PostgreSQL/PostGIS, and OpenLayers.
* In-depth experience in testing methodologies, including unit, integration, functional, system, performance, and acceptance testing.
* Experienced in developing firmware for IoT devices using Rust, optimizing for low power consumption and robust connectivity.

**Professional Experience**

**.NET Full Stack Developer**
**Lowes, Mooresville, NC.** April 2023 to Present

* Designed and developed UI framework for web applications using React, JavaScript, HTML5, and CSS.
* Utilized .NET Core 5.0 and ASP.NET MVC for backend development, implementing authentication and role-based authorization.
* Extensively used React UI Router and Angular for client-side routing and component design.
* Developed core functionalities using ASP.NET MVC Framework and integrated SQL Server for data management.
* Conducted quality assurance measures such as code reviews, unit testing, and integration testing.
* Created client-side interfaces using React JS, with stable components and standalone functions.
* Experienced with React-Router for SPA development.
* Developed web-based applications using ASP.NET, MVC, JavaScript, jQuery, AngularJS, HTML, and CSS.
* Designed, coded, and tested applications using the .NET framework, including ASP.NET CORE, .NET 5.0, and .NET Framework 4.7/4.0/3.5.
* Utilized Oracle Database for backend solutions, with experience in SQL, PL/SQL, and T-SQL.
* Expertise in LINQ to interact with various data sources.
* Provided technical assistance and support, including knowledge transfer in .NET, Oracle SQL, and PL-SQL programming.

**.NET Full Stack Developer**
**Homesite Insurance, Boston, MA** June 2021 to March 2023

* Participated in all phases of SDLC in an Agile environment, including requirement gathering and sprint planning.
* Designed and developed web applications using ASP.NET, Angular, and TypeScript.
* Utilized Angular for front-end development, creating custom directives and services.
* Developed interactive dashboards using .NET Core Web API and JavaScript data visualization libraries like Highcharts.
* Implemented OAuth 2.0 for token-based authorization and integrated CI/CD pipelines using Azure DevOps.
* Developed Use Cases, Sequence Diagrams, and Class Diagrams in UML.
* Applied Agile methodologies and Test-Driven Development for project execution.
* Implemented design patterns such as Factory, Facade, and Object Repository to ensure efficient software development and modular code architecture.
* Developed SPAs using Angular 12, Angular CLI, TypeScript, with a strong command over Angular features like Material Design, Components, and Services.

**.NET Developer**
**UBS, Weehawken, NJ** January 2019 to May 2021

* Designed and developed web applications using ASP.NET MVC and Razor View Engine.
* Implemented client-side scripting using Angular, JavaScript, and jQuery for dynamic web content.
* Developed complex stored procedures and optimized data retrieval using SQL Server.
* Worked with advanced ASP.NET Web API concepts and LINQ for data manipulation.
* Deployed and managed applications on Kubernetes, leveraging Terraform for infrastructure-as-code.
* Experienced with Azure IaaS, PaaS, and SaaS, and AWS services like EC2, RDS, Dynamo DB, S3, CloudWatch, and Docker.
* Developed dynamic, responsive web applications using JavaScript, with expertise in performance optimization, asynchronous programming, and DOM manipulation.
* Familiar with libraries like Bootstrap and Angular.js.
* Built web services using ASP.NET Web API and performed CRUD operations using REST API.

**.NET Developer**
**Maisa Solutions Private Limited, Hyderabad, India** June 2016 to October 2018

* Developed web applications using ASP.NET, C#, and various ASP.NET DEVEXPRESS controls.
* Created and validated web forms using ASP.NET Validation controls and JavaScript.
* Extensively used ADO.NET for database interactions and LINQ with Entity Framework for data retrieval.
* Developed client-side interfaces using Angular, JavaScript, HTML5, CSS3, and AJAX.
* Skilled in writing, debugging code, and DevOps practices with ASP.NET, MVC, CORE, SQL, WCF, C#, Web services, RESTful API, Azure, and AWS.
* Developed applications using .NET CORE 3.1, WinForms with Microsoft Visual C#.NET and VB.NET, Python, MS Access, VBA Database access using ADO.NET, and distributed applications using XML Web Services, ODP.NET, and SharePoint.
* Experienced with C# features like Generic Collection, Custom Attribute, Reflection, Partial Class, and Object-oriented programming (OOP) principles.

**.NET Developer**
**Brio Technologies Private Limited, Hyderabad, India** August 2013 to May 2016

* Migrated legacy .NET applications to modern ASP.NET frameworks.
* Designed web forms using HTML5, CSS3, and Angular.
* Developed WCF services for communication between layers and implemented service contracts.
* Used TFS for version control and participated in code reviews and testing.
* Developed applications using WCF, WPF, and WWF, and proficient in database development with ER/Studio tool.
* Working knowledge of HTML, CSS, XML, DHTML, VBScript, XAML, and AJAX.
* Extensive experience in Java SE and Java EE, including OOP concepts, multithreading, exception handling, Spring, Hibernate, and RESTful APIs.
* Developed geoprocessing automation tools leveraging .NET Core and GDAL for efficient data transformation, spatial analysis, and report generation. Streamlined geospatial data processing, reducing manual intervention and processing time.

**Technical Skills**

* **Languages**: C#, VB.NET, Java, SQL, HTML, LINQ, Rust
* **.NET Framework**: ASP.NET MVC, ASP.NET Core, .NET Web API, Entity Framework, ADO.NET
* **Web Technologies**: Angular, React, Bootstrap, JavaScript, jQuery, AJAX, CSS3, HTML5
* **Databases**: MySQL, SQL Server, PL/SQL, T-SQL
* **Cloud Services**: Microsoft Azure, AWS
* **Tools**: Visual Studio, TFS, GIT, SSRS, SSIS, Azure DevOps
* **Operating Systems**: Windows, Unix, Linux
* **Protocols**: SOAP, HTTP, FTP, SSL, HTTPS