BALARAMAIAH MACHAVARAM

Mobile: +91 7013636625   **Email: -** balaram.machavaram@gmail.com

Professional Summary

- 3.2 years of professional experience as a .NET Full Stack Developer, experience in building scalable software solutions.
- Proficient in C#, ASP.NET Core MVC, ASP.NET Core API, Web API, .NET Framework and with a strong foundation in object-oriented programming and software design patterns.
- Experienced in working with SQL server for backend and data handling
- Expertise in designing APIs, developing responsive UIs
- Hands-on experience in frontend technologies like HTML, CSS, JavaScript, Ajax and JSON
- Experienced in UI automation testing using Playwright .NET.
- Experienced in API testing with XUnit following the AAA pattern (Arrange, Act, Assert) for unit testing.
- Strong background in Agile development methodologies
- Proven ability to optimize both front-end and back-end components, enhancing application performance and user experience.
- Experienced in version control tools like GIT Hub
- Familiar with Monitoring/Logging tools like New Relic
- Strong problem-solving abilities with a deep understanding of the Software Development Life Cycle (SDLC), from requirements gathering to deployment and maintenance.
- Eager to contribute to dynamic teams, fostering collaboration and driving continuous innovation in software development projects.
- Quick learner with a strong passion for adopting new technologies and solving complex problems

Professional Career

- **March 2022 – Present**
  Senior Analyst at Capgemini Technology India Limited, Hyderabad.

Technical Skills

Programming Language	C#
Frameworks	ASP.NET MVC, ASP.NET CORE, Web API, Entity Framework (EF)
Database	SQL Server
Web Technologies	Angular, HTML, CSS, Java Script.
IDE	Visual Studio, Visual Studio Code, SQL Server Management Studio
Version Control	GITHUB
Platforms & Tools	New Relic, Postman, Service Now, IIS
Testing & QA	Playwright.NET, Xunit
Operating Systems	Windows
Documentation & Communication	Confluence, Jira

Certifications

- **Microsoft Azure Fundamentals (AZ-900)**   **|** view credentials
- **Microsoft Azure Administrator Associate (AZ-104)**   **|** view credentials

Project Experience

Project #1: Cage Centre -- CEASAR'S ENTERTAINMENT

- **Period**   : September 2022 to May 2025
- **Client**   : Caesar's Entertainment
- **Product Type**   : Web Application
- **Framework**   : .NET Core 8.0, ASP.NET Core MVC, ASP.NET Core API, CQRS Design Pattern, Visual Studio 2022, Entity Framework
- **Role**   : Dot Net Full Stack Developer

Project Description: -

Developed a scalable and maintainable web application for Caesars Entertainment, Inc., utilizing ASP.NET Core MVC for the frontend and ASP.NET Core API for the backend. The project involved creating two separate applications: one with ASP.NET Core MVC for developing a responsive and user-friendly interface, and another with ASP.NET Core API to handle backend logic and data processing. The frontend consumed data via API endpoints, and SQL was used for data storage. Both the ASP.NET Core MVC and ASP.NET Core API applications featured distinct libraries for Customer, Marker, and Chip, promoting a modular approach that allowed for efficient development, easy maintenance, and seamless integration across the system. This architecture significantly improved scalability and streamlined operations

Roles & Responsibilities: -

- **Designed and implemented RESTful APIs** in alignment with client requirements. Performed comprehensive testing using Postman, ensuring functionality and performance met specifications.
- **Developed responsive web pages** using Angular, **HTML, CSS, Bootstrap, JavaScript,** and **jQuery**, ensuring an optimal user experience across multiple devices.
- Integrated **automated unit testing** for APIs, validating requests, data validation processes, and responses to ensure high application reliability.
- Utilized **Playwright .NET for UI automation testing**, verifying application functionality across various browsers and devices, ensuring **cross-browser compatibility**.
- Authored detailed **technical specifications, user guides,** and **process manuals,** providing clear communication of system behaviour for stakeholders and end-users.
- Created applications using the **ASP.NET CMVC framework, ASP.NET Core API** and **SQL Server databases**, ensuring robust and scalable solutions for both backend and frontend development with Angular, **HTML, CSS, JavaScript.**
- Actively participated in deployment activities, ensuring smooth operations and the timely resolution of issues in collaboration with stakeholders.
- Managed **production issues** using **New Relic** and **ServiceNow, SQL server** quickly identifying and resolving issues. Provided support for monitoring team and mentored monitoring team members to improve their efficiency.

Education

- B. Tech in Computer Science and Engineering from Rise Krishna Sai Gandhi Group of Institutions, Ongole, Prakasam, Andhra Pradesh.

Place: **Hyderabad**   **[Machavaram Balaramaiah]**