**Narasimha Raju Arepalli**

**Charleston, SC | (857) 423-3322 | narasimha.anr9@gmail.com**

**Professional Summary:**

* 4+ years of experience in full-stack web development using .NET Core, ASP.NET MVC, Angular, React, and SQL Server.
* Skilled in designing RESTful APIs and building scalable microservices with secure OAuth2 and JWT authentication.
* Proficient in Azure and AWS cloud services, including Azure DevOps, Web Apps, EC2, S3, and Lambda.
* Experienced in automating CI/CD pipelines to accelerate release cycles and reduce manual errors.
* Strong background in Agile/Scrum methodologies with cross-functional team collaboration.
* Focused on improving application performance, user engagement, and system reliability through modular design and testing.

**Technical Skills:**

**Languages**: C#, JavaScript, Typescript, C++, VB.NET, PHP

**Web Technologies**: ASP.NET Core, MVC, Angular, ReactJS, Vue.js, XML, HTML5, CSS3, AJAX, REST, SOAP, JSON, jQuery

**Frameworks**: .NET Core, Entity Framework Core, Bootstrap, Laravel

**Databases**: SQL Server, MySQL, PostgreSQL, MongoDB, Oracle, NoSQL

**Cloud & DevOps**: AWS (EC2, S3, Lambda, RDS, CloudFormation), Azure (DevOps, Web Apps, Key Vault), CI/CD, SSIS, SSRS

**Tools**: Visual Studio, Azure DevOps, AWS Code Pipeline, Git, GitHub, GitLab, Jira, Trello

**Security**: OAuth2, JWT

**Testing**: xUnit, Jasmine

**Methodologies**: Agile, Scrum, Waterfall

**Professional Experience:**

**Discover, Chicago, USA**

**Full-Stack .NET Developer Jul 2023 – Present**

* Built full-stack responsive web applications using **ASP.NET Core MVC**, **C#**, and **SQL Server**. Increased user engagement by 30% and reduced page load times by 25%. Modernize legacy financial portals to support growing digital adoption.
* Employed **Agile sprints**, leveraging **Visual Studio** and **Azure DevOps** pipelines.
* Designed **RESTful APIs** using **ASP.NET Web API** and hosted them on **Azure Web Apps**, improving application uptime and scalability.
* Developed reusable UI components in **React** and **Typescript**, streamlining front-end development and reducing maintenance overhead.
* Implemented domain-driven business logic in **C#**, improving system modularity and feature scalability.
* Automated **CI/CD pipelines** via **Azure DevOps**, reducing manual deployment errors and accelerating release cycles by 40%.
* Built **Angular**-based **SPA** features with **NgRx** for state management, improving data flow efficiency by 25%.
* Integrated **Azure SQL Database** for high-availability data storage, improving read-write performance.
* Conducted rigorous code reviews and unit testing using **xUnit** and **Jasmine**, reducing production defects by 20%.
* Mentored 2 junior developers, enhancing team productivity and code quality.
* Strengthened application security using **OAuth2** and **JWT** for token-based authentication.

**Sigma Info Solutions Ltd., India**

**.NET Developer Jul 2019 – Feb 2022**

* Developed enterprise-grade web applications using **ASP.NET MVC**, **.NET Core**, and **C#**. Enhanced user experience and reduced crash incidents by 35%.
* Helped scale internal applications to handle increased transaction volume. Leveraged **component-based design** and **continuous integration** workflows.
* Created interactive UIs using **React** and **Angular CLI**, leading to a 20% improvement in customer engagement metrics.
* Engineered robust back-end services and APIs with **ASP.NET Web API**, ensuring seamless integration with external systems.
* Designed normalized **SQL Server** schemas and optimized **stored procedures**, improving data retrieval speed by 30%.
* Deployed web apps on **AWS EC2** and used **AWS S3** for media/content storage, reducing operational costs by 15%.
* Streamlined release cycles by configuring **CI/CD pipelines** with **Azure DevOps** and **GitHub Actions**.
* Applied **OAuth2** and **JWT** for secure user authentication across modules, maintaining compliance with industry standards.
* Collaborated with cross-functional teams in **Agile sprints**, using **Jira** for sprint planning and task tracking.

**Education:**

Master of Science in Computer Information Systems, New England College, Henniker, NH – 2023