

Shobith Nelluri

.Net Full Stack Engineer

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PROFESSIONAL SUMMARY

.NET Full Stack Engineer with 5+ years of experience in eCommerce, healthcare, and enterprise domains. Spearheaded the design of secure APIs using ASP.NET Core, integrating 15+ microservices and improving system response time by 20%. Enhanced financial aid workflows using React and Material-UI, increasing user engagement by 25%. Coordinated with Scrum teams to ship production-ready modules ahead of deadlines, exceeding stakeholder expectations. Proficient in optimizing SQL/NoSQL databases and integrating secure, PCI-compliant payment systems using JWT, OAuth2, and OWASP standards.

TECHNICAL SKILLS

Methodologies: Agile/Scrum Methodologies

.NET & Back-End: C#, .NET Core, .NET Framework, ASP.NET MVC, ASP.NET Core, Web API, RESTful APIs, Microservices, Entity Framework, LINQ

Front-End: HTML5, CSS3, JavaScript (ES6+), Angular.js, React.js, Bootstrap, jQuery, Tailwind CSS

Database: SQL Server, T-SQL, MongoDB

DevOps & Tools: Git, GitHub, GitLab, Bitbucket, Azure DevOps, CI/CD pipelines, Docker, Kubernetes, Visual Studio, Postman

Cloud Technologies: Microsoft Azure, AWS (EC2, Lambda, S3), Cloud application deployment, monitoring, scaling

Testing: Unit Testing: xUnit, NUnit, **Front-End Testing:** Jasmine, Karma

WORK EXPERIENCE

.Net Full Stack Engineer

Synopsys Inc - Plano, TX, United States

September 2023 – Present

- Architect secure and scalable APIs leveraging ASP.NET Core, enabling seamless integration of 15+ microservices and improving overall system response time by 20%.
- Revamp legacy financial web applications with Angular.js and Tailwind CSS, creating responsive UIs that boosted customer satisfaction scores by 30% and reduced bounce rate by 15%.
- Orchestrate deployment, monitoring, and scaling of cloud-native applications using AWS services to ensure high availability and optimal performance.
- Refine database operations with SQL Server tuning to accelerate data retrieval and support scalability for mission-critical modules.
- Implement interactive UIs using Blazor and C# to accelerate full-stack development and maintain consistency across front- and back-end codebases.
- Integrate JWT and OAuth2 standards to secure authentication workflows, ensuring alignment with OWASP best practices across microservices.
- Facilitate Agile sprint ceremonies and cross-functional collaboration, leveraging GitHub, GitLab, and Bitbucket to streamline DevOps workflows.

.NET Full Stack Developer

Sys Infocom IT Solutions - Indore, INDIA

March 2019 – July 2022

- Devised 15+ RESTful APIs using ASP.NET MVC to enable seamless microservices communication and reduce frontend-backend latency by 30%.
- Transformed financial aid workflows through React and Material-UI, enhancing accessibility and increasing engagement by 25%.
- Crafted responsive UI components with Tailwind CSS, Angular.js, and React.js, ensuring modern design consistency across .NET web apps.
- Constructed scalable web applications using C# and .NET Core, increasing system resilience and throughput.
- Designed dynamic, user-friendly interfaces in React.js to elevate user experience and satisfaction levels.
- Streamlined SQL Server and Entity Framework queries using T-SQL, significantly boosting data performance and analytical speed.
- Automated CI/CD pipelines with Azure DevOps and Docker, slashing deployment time and improving code delivery quality.
- Coordinated with Scrum teams to ship production-ready modules ahead of deadlines, exceeding stakeholder expectations.

EDUCATION

Masters of Science in Information Technology and Management | Campbellsville University Campbellsville, KY – USA

Bachelors in Computer Science Engineering | SRM Institute of Science and Technology Chennai, Tamil Nadu - INDIA