

Aswathy Asokan

.Net core Fullstack Developer

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Full Stack Developer with 1 year of experience building scalable web applications using ASP.NET Core, C#, and SQL Server. Skilled in REST API development, Entity Framework, and back-end performance optimization. Proficient in Angular for creating responsive, user-friendly front-end interfaces. Hands-on experience with Azure deployment and application hosting on IIS. Strong understanding of Agile Scrum practices and committed to writing clean, maintainable code.

Experience

● **Software Developer Intern, Aitrich Technologies PVT.ltd** 2024 - Present

- Developed full-stack applications using Angular, ASP.NET Core, Web API, and SQL Server
- Built and integrated secure RESTful APIs with role-based access control and data encryption, reducing vulnerabilities by 30%.
- Created responsive, user-friendly UIs using Angular and MVC, enhancing usability and front-end maintainability.
- Participated in agile practices including sprint planning, backlog grooming, and requirement analysis for smooth project delivery.
- Deployed applications in LAN using IIS and hosted production builds on Azure Virtual Machines for internal and client use.

Skills

- **Programming Languages** : C#, JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks & Libraries** : ASP.NET Core MVC, ASP.NET Web API, Blazor, AngularJS, Entity Framework, Razor Pages, Bootstrap, xUnit
- **Tools & Platforms** : GitHub, Swagger (Open API) , Postman, Trello, Figma, SQL Server
- **APIs, Security & Architecture** : REST API, JWT (JSON Web Tokens)
- **Deployment & Hosting** : IIS , Azure Virtual Machines

Projects

Performance Monitoring Dashboard – US-based Manufacturing Client

Angular / Micro Frontend Architecture / D3.js / REST APIs

- Built a real-time performance dashboard using Angular and micro frontend architecture, featuring modular components for visualizing KPIs like Throughput, PPH, Employee Performance, and Utilization.
- Integrated D3.js to render responsive line charts comparing actual throughput with targets, enabling intuitive data interpretation.
- Translated design references into pixel-perfect, responsive UI, ensuring accessibility and consistency across devices.
- Connected to backend services via REST APIs for real-time employee metrics and implemented periodic refresh for live data updates.

Education & Certifications

- Master of Computer Applications , University of Calicut
- BSc Computer Science, University of Calicut
- Oracle Database SQL Certified Associate , Certified Agile Practitioner , Certified Full Stack Developer