

Mekala Mothish

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Professional Summary

Software Engineer with 2 years of experience in designing and developing web applications using C#, ASP.NET Core, Entity Framework, and JavaScript. Skilled in applying SOLID principles, Dependency Injection, and Clean Architecture to build scalable and maintainable solutions. Experienced in JWT-based authentication & authorization and IIS deployments. Strong problem-solving mindset with continuous learning in system design and DevOps practices.

Technical Skills

Languages: C#, JavaScript, SQL, Python (basic)

Frameworks & Tools: ASP.NET Core, Entity Framework Core, LINQ, ADO.NET

Architecture & Practices: SOLID, Dependency Injection, Unit Testing, Clean Architecture

Authentication: JWT, Role-based Authorization

Databases: SQL Server, EF Core ORM

DevOps & Cloud: GitHub Actions, CI/CD, AWS basics (hosting & deployment)

Other: REST APIs, Git, Postman

Professional Experience

- Software Engineer | SOTI | Jul 2023 – Present
- Developed and maintained web applications across multiple internal sites using C#, ASP.NET Core, and EF Core.
- Implemented JWT-based authentication and role-based authorization to secure APIs.
- Applied SOLID principles and Dependency Injection to improve scalability and reduce code coupling.
- Designed and optimized REST APIs for high-performance data processing.
- Worked with Entity Framework Core to implement efficient database operations.
- Built and automated workflows using CI/CD pipelines, improving deployment reliability.

- Collaborated with cross-functional teams to integrate business logic and streamline workflows.
- Wrote unit tests to ensure reliability and maintainability of services.

Certifications

DevOps Fundamentals with CI/CD & AWS – Udemy

Education

B.Tech, Electronics & Communication Engineering (ECE)
Sree Vidyanikethan Engineering College | Graduated 2023

Additional Highlights

- Solved coding challenges on LeetCode to strengthen problem-solving skills.
- Exploring System Design concepts for scalable architecture.
- Built personal practice projects to reinforce learning in .NET Core and IIS hosting.