

# 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.