

Sidharth Soman

Backend Developer

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PROFESSIONAL SUMMARY

Backend-focused .NET Developer with 3+ years of experience designing and scaling RESTful APIs and full-stack web applications. Specialized in building high-performance, secure, and maintainable systems using .NET Core, Entity Framework Core, and Angular. Proven track record of improving API performance, increasing test coverage, and delivering production-grade applications across HRMS, property management, and enterprise platforms. Strong foundation in clean architecture, SOLID principles, and scalable system design, with hands-on experience in Azure deployments and JWT-based authentication.

WORK EXPERIENCE

.NET Developer

2024 – Present

Tranetech Software Solutions | UL Cyberpark, Calicut

- Designed and developed scalable RESTful APIs using .NET Core and .NET Framework for enterprise applications.
- Optimized backend performance by refactoring database queries and implementing caching, reducing response time by ~35%.
- Implemented secure authentication using JWT and role-based authorization across all endpoints securing 100% of application endpoints.
- Improved system stability by identifying and resolving critical production issues, reducing recurring defects and improving uptime.
- Developed and maintained Laravel-based backend systems for camp management platforms, handling API development and customization for large-scale operational workflows.
- Collaborated with cross-functional teams to enhance system reliability, scalability, and feature delivery across multiple releases.

Full Stack Developer

2022 – 2023

Fantacode Pvt. Ltd | Cyberpark, Calicut

- Developed and delivered 8+ end-to-end features using .NET Core Web API and Angular across multiple business modules, improving overall application functionality and user workflows.
- Designed and implemented scalable client-server communication for 15+ API endpoints, ensuring efficient data exchange and reducing frontend latency issues.
- Implemented unit testing with xUnit and Moq, maintaining 75%+ test coverage across critical business logic, reducing regression issues during releases.
- Contributed to Agile development cycles within a 4–6 member team, improving release efficiency by 20% and ensuring consistent sprint delivery.
- Participated in 30+ code reviews and architecture discussions, improving code quality, enforcing best practices, and reducing post-release defects.

KEY ACHIEVEMENTS

- Reduced API response time by **~35%** through query optimization and caching strategies.
- Maintained **75%+ unit test coverage** using xUnit, improving long-term code reliability
- Improved release efficiency by **20%** by contributing to structured SDLC practices.
- Designed and secured APIs with **JWT authentication and role-based access control**.
- Delivered multiple production systems used in enterprise environments

TECHNICAL SKILLS

Languages & Frameworks:

.NET Core, .NET Framework, ASP.NET MVC, C#, Angular, TypeScript, JavaScript, PHP (Laravel)

Backend & Architecture:

RESTful API Design, SOLID Principles, Dependency Injection, Repository Pattern

Databases & ORM:

MS SQL Server, PostgreSQL, MySQL, Entity Framework Core, Dapper, ADO.NET

Frontend & UI:

HTML, CSS, SCSS, Tailwind CSS

Testing:

xUnit, Moq, Fluent Assertions, Test-Driven Development (TDD)

Cloud & DevOps:

Azure App Services, Git

Security:

JWT Authentication

PROJECTS

HRMS Platforms (Tannery & Alfarah)

- Built backend for enterprise HR management systems handling employee records, payroll, attendance, and performance tracking.
- Developed using .NET Core, Entity Framework Core, MySQL.
- Designed modular architecture supporting scalable business workflows.

Qaryat Property Management Software

- Developed a property management platform for tenant tracking, lease management, and maintenance workflows.
- Built REST APIs and optimized database interactions for efficient data handling.

Feebak & Take My Order

- Built real-time customer feedback and digital ordering systems.
- Focused on responsive UI and efficient backend data processing.

Camp Management Systems (Denholm & Al-jimi)

- Developed large-scale Laravel-based platforms for accommodation and resource management.
- Implemented modules for resident tracking, maintenance scheduling, and reporting dashboards.
- Designed backend systems to handle operational workflows for enterprise clients.

EDUCATION

Bachelor of Science in Computer Science

2018 – 2021

Don Bosco College, Sultan Bathery

INTERNSHIP

Python & Odoo Development Intern

3 Months

Technaureus Info Solution

- Gained hands-on experience in Python programming and Odoo ERP module development, contributing to frontend and backend Odoo customizations.

LANGUAGES

English (Professional), Malayalam (Native), Hindi (Conversational)