

HARSHAL MUKUND BADGE

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Summary

.NET Full Stack Developer with **1.5+ years** of experience building scalable REST APIs and microservices for enterprise E-Governance systems. Proven track record of optimizing SQL performance (up to 90%), automating tax and licensing workflows, and delivering secure, high-availability backend services. Strong in .NET Core, C#, Angular, CI/CD pipelines, with hands-on experience integrating payment gateways and government RTS APIs.

Technical Skills

- Backend: C#, .NET Core 6+, ASP.NET MVC, Web API, Minimal API, LINQ, ADO.NET.
- Frontend: Angular 16, HTML5, CSS3, Bootstrap, TypeScript.
- Database: Microsoft SQL Server, T-SQL, Entity Framework, Dapper ORM, Stored Procedures, Triggers, Views.
- DevOps & Cloud: IIS Deployment, Microsoft Azure, Azure DevOps, CI/CD Pipeline, Git.
- Architecture & Design: Microservices, Clean Architecture, OOP, SOLID Principles, Repository Pattern, Dependency Injection.
- Tools & Platforms: Visual Studio, VS Code, Postman, Swagger, SAP Crystal Reports.
- Methodologies: Agile, Scrum, SDLC, RESTful API Design, JWT Authentication, Role-Based Authorization

Experience

Software Developer | Sthapatya Consultant India Pvt. Ltd., Amravati

July 2024 – December 2025

- Designed and developed **.NET Core-based microservices and RESTful APIs** for multiple **municipal revenue systems**, ensuring scalability and maintainability.
- Optimized **SQL queries, indexing, and stored procedures**, achieving **up to 90% performance improvement** and reduced server load.
- Implemented **Repository Pattern, Dependency Injection**, and centralized exception handling for clean and testable code.
- Collaborated with cross-functional teams in Agile sprints to deliver modules ahead of schedule.
- Integrated Razorpay Payment Gateway for property tax transactions with real-time payment validation.
- Built **GIS-enabled web modules** for property visualization and live tax data analysis.
- Developed and integrated **RTS (Aaple Sarkar) government APIs**, improving citizen service response efficiency by **40%**.
- Deployed and managed applications on **IIS**, collaborating in **Agile sprints** to deliver features on schedule.

Projects

- **Property Tax Management System, Water Tax Collection System & Trade License Management System:** Designed and implemented .NET Core-based microservices and RESTful APIs, achieving up to 90% improvement in SQL query performance through query optimization and indexing.
- **GIS-Based Property Tax Analysis Portal:** Developed a GIS-enabled analytics portal using QGIS and .NET Core, and automated online licensing workflows, resulting in 80% faster data retrieval, improved compliance tracking, and enhanced operational efficiency.

Education

Bachelor of Engineering in Computer Science and Engineering

January 2020 – May 2024

College of Engineering & Technology, Akola

Sant Gadge Baba Amravati University