

KOMAL JADHAV

 Pune, India

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SKILL

ASP.NET Core C# .NET
Core Web API
Ocelot API Gateway / Microservices
Architecture SQL Server Entity Framework Core
HTML, CSS

EDUCATION

MASTER'S DEGREE: MSC[CS]

YASHWANTRAO MOHITE COLLEGE — PUNE, INDIA
2024 – PRESENT

BACHELOR'S DEGREE: BSC[CS]

YASHWANTRAO MOHITE COLLEGE — PUNE, INDIA
2021 – 2024 8.71

HSC:

ABASAHEB GARWARE COLLEGE — PUNE, INDIA
2020 – 2021 80%

SSC:

RENUKA SWAROOP MEMORIAL GIRLS HIGH SCHOOL — PUNE, INDIA
2018 – 2019 73.80%

CAREER SUMMARY

.NET Core Backend Developer with hands-on experience in building and maintaining RESTful Web APIs. Skilled in ASP.NET Core, Entity Framework Core, SQL Server, and Ocelot API Gateway for modular, microservices inspired backend architecture. Experienced in working with N-tier architecture, stored procedures, and writing clean, maintainable code. Collaborates with frontend teams to ensure smooth integration of APIs with the user interface. Currently pursuing a Master's in Computer Science with a focus on backend development and API engineering.

PROFESSIONAL EXPERIENCE

TRAINEE SOFTWARE ENGINEER (INTERN) CLIQTROS SOLUTIONS PVT LTD - PUNE, IN

MAR 2025 -PRESENT

- Developed and maintained REST APIs using ASP.NET Core 8 and Entity Framework Core.
- Built scalable backend modules for user management, course and batch handling, and profile completion workflows.
- Integrated services using Ocelot API Gateway to support modular and microservices-style architecture.
- Implemented N-Tier Architecture (API, BAL, DAL, DTO) for clean and maintainable code.
- Implemented SQL Server stored procedures and complex queries.
- Tested APIs using Swagger and Postman and collaborated with frontend teams to resolve issues.

PROJECTS

Birth & Death Certification Management System

Aug 2023 – Feb 2024

Web Application

- Developed a web-based system to digitize birth and death certificate registration, verification, and retrieval processes.
- Implemented secure authentication, role-based access control, and admin verification workflows.
- Built modules for birth/death registration, duplicate requests, record corrections, and application tracking.
- Designed relational database schemas and integrated validation for documents, legal requirements, and data accuracy.
- Ensured secure handling of sensitive personal data and reliable, user-friendly system workflows.

Research Paper: Performance Prediction and Architectural Trade-

Off Analysis: Minimal APIs vs N-Tier APIs in .NET Core 8

July 2025 - Nov 2025

- Conducted benchmarking of Minimal APIs vs N-Tier APIs in ASP.NET Core 8.
- Analyzed performance metrics (response time, CPU, memory) and scalability trade-offs.
- Applied AI-based predictions to recommend optimal API architecture.