

# 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 Web Application

Aug2023 –Feb2024

- 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

July2025 -Nov2025

- 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.