

Mohd Fazil

Software Developer — Backend Engineer

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[Portfolio](#) — [GitHub](#) — [LinkedIn](#)

PROFESSIONAL SUMMARY

Final-year Computer Engineering student with hands-on experience building secure and scalable full-stack applications. Strong foundation in data structures, object-oriented programming, authentication systems, and RESTful API development. Experienced in designing clean backend architectures and implementing production-ready systems with proper access control and validation.

EDUCATION

Bachelor of Engineering in Computer Engineering 2022 – 2026

A.I.K.T.C. – School of Engineering, Navi Mumbai

CGPA: 7.95 / 10 (till Semester 7)

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python

Frontend: HTML, CSS, React, Next.js, Tailwind CSS

Backend: Node.js, Express.js, Spring Boot, FastAPI

Databases: PostgreSQL, MongoDB, Firebase Firestore

Auth & Security: JWT, Firebase OAuth, Session-Based Auth

Core: OOP, Data Structures, REST APIs, RBAC, Swagger

Tools: Git, GitHub, VS Code, Firebase, Vercel

PROJECTS

Chatbot Pro – Multi-Tenant SaaS AI Platform

- Built a scalable multi-tenant SaaS chatbot platform using **Next.js, TypeScript, and Firebase**.
- Implemented secure authentication (Firebase Auth) and real-time messaging with Firestore.
- Designed an analytics dashboard to monitor user engagement and chatbot performance.
- Architected modular backend APIs with role-based access and tenant-level data isolation.

TaskWave – Task Management Platform

- Developed a full-stack task management application using **Next.js, TypeScript, Firebase**.
- Integrated Google OAuth authentication with secure session-based access control.
- Built protected APIs with user-specific data handling and authorization checks.
- Implemented dynamic UI components for improved user experience and task tracking.

Medium-Style Blogging Platform

- Engineered a full-stack blogging platform using **React, TypeScript, Hono, and PostgreSQL**.
- Implemented JWT authentication and protected routing with middleware validation.
- Designed RESTful APIs with structured backend architecture and database integration.
- Optimized content management workflows with role-based access and secure file uploads.

Banking System – Backend Application (Spring Boot)

- Built a secure backend system using **Java and Spring Boot** following layered architecture.
- Implemented authentication, role-based access control, and transaction management APIs.
- Designed REST endpoints for account operations with validation and error handling.

Stock Market Data Backend (FastAPI)

- Developed RESTful APIs using **Python and FastAPI** for stock data analysis and processing.
- Implemented financial metrics calculations and integrated Swagger for API documentation.
- Structured backend modules for scalable data handling and analytics workflows.

CERTIFICATIONS

- Spring Framework for Java Development – SkillUp (Coursera)
- Object-Oriented Programming in Java – IBM (Coursera)
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Java Data Structures for Beginners – Great Learning

ADDITIONAL INFORMATION

- Strong understanding of backend architecture, REST APIs
- Experience working with authentication systems, RBAC, and secure API development.
- Familiar with deployment using Vercel and Firebase.