

# Mohamed Fazil

Software Engineer — Full Stack Developer

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

## PROFESSIONAL SUMMARY

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Software Developer with experience building full-stack applications using **React**, **Next.js**, **Spring Boot**, **Node.js**, and **TypeScript**. Skilled in developing scalable software, REST APIs, and database-driven applications.

## EDUCATION

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### Bachelor of Engineering in Computer Engineering

2022 – 2026

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

CGPA: 7.95

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript, TypeScript, Python

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

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

**Databases:** PostgreSQL, MySQL, MongoDB, Firebase, Supabase

**Authentication:** JWT, OAuth, Spring Security

**Tools:** Git, GitHub, Prisma, Firebase, Vercel, Supabase

**Core:** OOP, REST APIs, Data Structures, API Design

## PROJECTS

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### OpenRouter – Multi-Provider AI Gateway Platform

Turborepo — Elysia.js — TypeScript — PostgreSQL — Prisma — OpenRouter

- Developed a scalable AI gateway platform integrating multiple Large Language Model (LLM) providers through OpenRouter APIs.
- Designed and implemented secure REST APIs with authentication, request validation, and rate-limiting mechanisms.
- Built a centralized dashboard for API key management, usage monitoring, and performance analytics.
- Utilized PostgreSQL and Prisma ORM for efficient data modeling, query optimization, and transaction management.
- Structured the application using a monorepo architecture with Turborepo to improve maintainability and code sharing.

### Chatbot Pro – Multi-Tenant SaaS Platform

Next.js — TypeScript — Firebase

- Developed a multi-tenant SaaS chatbot platform allowing multiple organizations to manage independent chatbot instances.
- Implemented secure authentication, user management, and tenant-level data isolation.
- Built real-time messaging capabilities and chatbot interaction workflows.
- Developed an analytics dashboard for monitoring chatbot performance and user engagement metrics.
- Leveraged Firebase services for authentication, database management, and cloud hosting.

### Medium Clone – Blogging Platform

React — TypeScript — PostgreSQL — Hono — JWT

- Developed a full-stack blogging platform enabling users to create, publish, edit, and manage articles.
- Implemented JWT-based authentication and protected routes for secure access control.
- Designed RESTful APIs using Hono for content management and user operations.
- Integrated PostgreSQL for persistent storage of users, articles, and application data.
- Applied responsive UI design principles to provide a seamless reading and writing experience.

### Perplexity AI – AI Search Platform

React — Bun — TypeScript — Supabase — OpenRouter — Tavily

- Built an AI-powered search platform combining real-time web search and LLM-generated responses.
- Implemented streaming AI responses, persistent chat history, and follow-up interactions.
- Integrated Supabase authentication and designed a scalable backend architecture.

### LinkForge - URL Shortener

Java — Spring Boot — Spring Security — MySQL — JWT — JPA/Hibernate

- Developed a secure URL shortener with user authentication and URL management features.
- Built REST APIs for registration, login, URL shortening, and redirection using Spring Boot.
- Implemented JWT-based authentication and integrated MySQL with JPA/Hibernate for data persistence.
- Followed layered architecture (Controller, Service, Repository) for clean and maintainable code.

## CERTIFICATIONS

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