

# Avanish Jha

Java Full Stack Developer | Spring Boot | Angular | MERN

📍 Mumbai, Maharashtra

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## Professional Summary

**Java Full Stack Developer** with hands-on experience in building scalable enterprise applications using **Spring Boot, Angular, React, Node.js, and MongoDB**. Skilled in architecting RESTful APIs, implementing security layers, and developing responsive UIs. Strong in backend logic, modular frontend design, and Agile delivery practices.

## Technical Skills

- **Languages:** Java, JavaScript, Python, HTML, CSS
- **Frameworks & Databases:** Spring Boot, Hibernate, React, Angular, Next.js, Node.js, MySQL, PostgreSQL, MongoDB
- **Tools:** Git, Maven, Jenkins, Docker, Postman, IntelliJ IDEA, VS Code

## Professional Experience

**Java Full Stack Developer | CMS Computers India Pvt. Ltd., Mumbai, Maharashtra**

*August 2024 – Present*

- Developed multiple enterprise-grade modules under the **Incident Management System (IMS)** using **Spring Boot (backend) and Angular (frontend)**.
- Built core modules—**Designation Management, Escalation Report, Hierarchy, and Zone Mapping**—with RBAC
- Designed backend **REST APIs using Java, Spring Boot, and Hibernate**, for optimized data flow.
- Updated **SecurityConfig.java** for **granular role-based permissions** across modules
- Conducted code reviews, managed Git repositories, and optimized **API response times by 30%**.

## Key Projects

### Incident Management System (Live Project)

- Developed **backend and frontend modules** for real-time **incident logging, status tracking, and SLA management**.
- Integrated **RESTful APIs, ticket automation, modular AngularJS UI, and MySQL database**.
- **Optimized queries**, ensured secure data handling, and added **JasperReports** for dynamic **PDF/Excel reporting**.

### Energy Meter Configuration Portal (Live Project)

- Developed **configuration pages** for **managing and visualizing energy meter parameters**.
- **Built APIs with Spring Boot** for configuration data exchange and implemented **frontend dashboards using Next.js**.
- **Integrated role-based access with Keycloak** and ensured smooth backend-frontend synchronization.

### Freelance Full Stack Engineer | Fifty Villagers – Education SaaS ([Link- fiftyvillagers.org](https://fiftyvillagers.org))

- Developed and deployed a production **PERN-stack education SaaS** with **multi-tier RBAC (Admin, Student, Public)**.
- Implemented **JWT authentication (refresh tokens), RBAC, rate limiting, and HMAC-verified Razorpay webhooks**.
- Designed a scalable **PostgreSQL schema (17+ migrations, indexing, audit logs)** and **deployed on VPS using Docker, Nginx, SSL, GitHub Actions CI/CD with production hardening**.

## Education

B.Tech. in Electrical & Computer Engineering

Amrita Vishwa Vidyapeetham, Coimbatore, 2020 – 2024

CGPA: 7.86 / 10.00

## Certifications

- IIT Madras - **AI/ML Foundation Program (Ongoing)**
- Java Full Stack Development — Udemy
- Spring Boot Microservices — Coursera

## Achievements

- Delivered production-grade features for multiple live enterprise systems under strict deadlines.
- Improved API response times and reduced backend latency through query optimization.