Aniket Singh

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Profile Summary

Java Backend Developer with experience building scalable microservices using Spring Boot, Spring Cloud, Kafka, Docker, and PostgreSQL. At Florosense, built a production e-form platform and a DPCC sensor-data bridge. Hands-on with JWT, REST APIs, Docker/Nginx, and 350+ DSA problems.

Skills

Languages: Java, JavaScript
Framework: React, Spring Boot, Spring Security, Spring Cloud (Eureka, API Gateway, OpenFeign), Hibernate
Tools: Docker, Nginx, Apache Kafka, Jenkins, Postman, Maven, Git/GitHub, IntelliJ IDEA, VS Code
Database: MySQL, PostgreSQL, NoSQL

Projects

Digital Installation & PM Visit E-Form System

- Built a React SPA and five Spring Boot services (auth, pre-visit, installation, calibration, PM) replacing paper reports.
- Added JWT USER/ADMIN roles, PostgreSQL, auto report numbers, site-photo uploads, notifications, and html2canvas/jsPDF export.
- Shipped search/filters, technician/customer sign-off, and Docker/Nginx HTTPS on a VPS (digitalform.florosense.com).

Sensor Bridge API (DPCC Integration)

- Built a Spring Boot bridge that fetches live PM2.5/PM10 from FloroSense sensors and posts them to the DPCC portal.
- Scheduled 15-minute posting with cooldown and locks to block duplicates; added config, health, logs, and manual-trigger APIs.
- Persisted sensor-to-site mappings and deployed the Docker image (sensor-bridge-api) on the production VPS.

Experience

Junior Developer, Florosense ESPL – Bengaluru, Karnataka **Feb 2026 – Present**

- Built and deployed a production digital e-form platform (React, Spring Boot, JWT, PostgreSQL, Docker/Nginx).
- Developed Sensor Bridge to report live PM2.5/PM10 to DPCC every 15 minutes with duplicate-post protection.
- Design and maintain REST APIs, IoT data integrations, and VPS deployments for air-quality applications.

Software Developer Intern, Probuddy Software Solutions – Bengaluru, Karnataka **May 2025 – Jan 2026**

- Developed REST APIs and microservices using Spring Boot and MySQL.
- Configured API Gateway and Eureka for service discovery and secure routing
- Worked in Agile environment with SDLC processes including deployments and code reviews.

Education

Makhan Lal Chaturvedi National University of Journalism and Communication, Bhopal , Master's in Computer Applications **Aug 2022 – July 2024**

- CGPA: 7.8

Certifications

Java Full-Stack Developer - Jspider Bengaluru
Java Developer Associate Certificate - ISO14001