

DEV NAMDEV

Java Backend Engineer | Spring Boot · AWS · Microservices
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PROFESSIONAL SUMMARY

Java Backend Engineer with nearly 2 years of software development experience building and maintaining Java/Spring Boot microservices for BFSI production systems at Tata Consultancy Services. Skilled in designing secure RESTful APIs, working with Apache Kafka and relational databases at scale, and deploying cloud-native applications on AWS.

EXPERIENCE

System Engineer | [Tata Consultancy Services](#) | Feb 2025 – Present | New Delhi, India

- Develop and enhance 15+ Spring Boot microservices powering core BFSI banking workflows, supporting high-volume daily transaction processing across Oracle and PostgreSQL databases.
- Design, develop, and document 30+ RESTful APIs using Postman and Swagger, enabling reliable integration for downstream banking applications.
- Work with Apache Kafka for asynchronous communication and high-throughput data streaming across distributed microservices.
- Diagnose and resolve production defects through root-cause debugging, improving cross-system stability, and reducing recurring incident volume.
- Automate financial document generation using Jasper Reports and streamline development workflows with Git, Maven, and Eclipse, cutting manual reporting effort.

Software Developer | [OmniXM](#) | Jul 2024 – Oct 2024 | Pune, India

- Integrated backend REST APIs with an Angular frontend for a Customer Experience Management (CXM) platform, mapping complex server-side data structures to UI components.
- Developed 5+ client-facing UI features and resolved data-binding and client-side issues, improving application reliability and user experience.

PERSONAL PROJECTS

Expense Tracker App — *Angular · Spring Boot · PostgreSQL · AWS (EC2, RDS) · Ollama (LLM) · JWT · Tailwind CSS*

- Built an AI-powered expense management application with a Spring Boot backend and PostgreSQL database, deployed using AWS EC2 and RDS.
- Integrated Ollama LLMs to convert natural-language expense descriptions into structured JSON, reducing manual data-entry effort by 60%.
- Developed a responsive Angular and Tailwind CSS frontend integrated with Spring Boot REST APIs.

MedVista – Doctor Assistance Platform (*Freelance*) — *Flask (Python) · PostgreSQL · REST APIs · Swagger*

- Architected and developed the backend for a hospital management platform covering appointments, patient history, and medical billing.
- Designed and documented 50+ REST APIs using Swagger for modular communication between application components.
- Designed PostgreSQL database schemas and handled the backend development lifecycle through production deployment.

EDUCATION

B.Tech, Computer Science Engineering Oct 2020 – Jun 2024

University Institute of Technology, RGPV, Shivpuri | CGPA: 8.62/10

ACHIEVEMENTS & CERTIFICATIONS

- GATE 2024 (CSE) & GATE 2025 (CSE) — Qualified
- AWS Cloud Quest: Cloud Practitioner — Amazon Web Services

TECHNICAL SKILLS

- Programming Languages:** Java (Core & Advanced), TypeScript, Python
- Backend Development:** Spring Boot, Spring Security, Spring Data JPA, Hibernate, RESTful APIs, Microservices Architecture, Distributed Systems, System Design
- Cloud & Infrastructure:** AWS (EC2, S3, RDS, IAM, Lambda, API Gateway, CloudWatch), Docker, Linux.
- Databases & Messaging:** PostgreSQL, Oracle, MSSQL, Apache Kafka, Redis (Caching)
- Testing & Tools:** Git, Maven, Postman, Swagger, Jasper Reports, Eclipse