

# Dev Namdev

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## Summary

Backend Software Engineer with 1.5+ years of experience specializing in Java, Spring Boot, and AWS. Currently optimizing enterprise-scale microservices and resolving complex production challenges for the BFSI sector at Tata Consultancy Services. Proven track record of designing secure RESTful APIs and deploying scalable, AI-integrated cloud applications.

## Experience

### Tata Consultancy Services | System Engineer

Feb 2025 – Present | New Delhi

- Contributed to the enhancement and maintenance of 15+ **Spring Boot** microservices used in core BFSI banking workflows.
- Developed and tested 30+ RESTful APIs, utilizing **Postman** and **Swagger** for comprehensive testing and documentation.
- Managed an existing **Apache Kafka** architecture to support asynchronous data streams, handling high-volume daily transactions across **Oracle** and **PostgreSQL** databases.
- Identified and resolved 40+ complex production defects through rigorous debugging, ensuring cross-system stability.
- Automated financial document generation via **Jasper Reports** and streamlined workflows using **Git**, **Maven**, and **Eclipse**.

### OmniXM | Software Developer

Jul 2024 - Oct 2024 | Pune

- Integrated backend **REST APIs** with the **Angular** frontend, effectively mapping complex server-side data structures to user interface components.
- Contributed to the frontend development of a Customer Experience Management (CXM) application by building 5+ key UI features based on client requirements, and actively debugged client-side issues and resolved data-binding errors to ensure seamless database communication.

## Personal Projects

### Expense Tracker App

Angular | Spring Boot | PostgreSQL | AWS (EC2, RDS) | Ollama (LLM) | JWT | Tailwind CSS

- AI Integration & Cloud:** Engineered an AI-powered backend deployed on AWS (EC2, RDS), integrating local Ollama LLMs to parse natural language into structured JSON, reducing manual user entry by 60%.
- Full-Stack & Security:** Developed a mobile-first, responsive UI using Angular and Tailwind CSS, integrated with a Spring Boot backend secured by Spring Security and JWT for stateless user authentication.

### MedVista – Doctor Assistance Platform (Freelance Project)

Flask (Python) | PostgreSQL | REST APIs | Swagger

- Backend & API Engineering:** Architected the complete backend infrastructure for a hospital management platform, designing and documenting 50+ RESTful APIs using Swagger to handle workflows for appointments, patient history, and medical billing.
- Architecture & Production:** Managed the full development lifecycle—from **PostgreSQL** database schema design to production-ready deployment with **Flask**, ensuring system scalability and a clean, modular code base.

## Education

**Graduation:** University Institute of Technology, RGPV, Shivpuri

Oct 2020 - Jun 2024

B-Tech (Computer Science Engineering) | **CGPA: 8.62/10**

## Skills

- Programming Languages:** Java (Core & Advanced), TypeScript, Python.
- Backend Development:** Spring Boot, Microservices Architecture, Spring Security, Spring Data JPA, Hibernate, RESTful APIs, System Design, Distributed Systems.
- Cloud & Infrastructure:** AWS (EC2, S3, RDS, IAM, Lambda, API Gateway, CloudWatch), Docker, Linux, Maven.
- Databases & Messaging:** PostgreSQL, Oracle, MSSQL, Apache Kafka, Redis (Caching).
- Testing & Tools:** JUnit 5, Mockito (TDD), Postman, Swagger, Git, Jasper Reports, Eclipse.

## Achievements

- AWS Cloud Quest: Cloud Practitioner | Amazon Web Services
- Qualified GATE 2024 with AIR under 10,000.