

DEEPAK PANWAR

Java Backend Developer | 3 Years Experience

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PROFESSIONAL SUMMARY

Java Backend Developer with **3 years of experience** designing and scaling Spring Boot microservices for e-commerce and fintech products. Cut order-API latency by **40%** with query optimisation and Redis caching, introduced Kafka-based events and raised test coverage to 80%. Strong in REST API design, MySQL, Kafka, Docker and AWS; mentor to junior developers and an active code reviewer.

TECHNICAL SKILLS

Languages: Java (8, 11, 17, 21), SQL, JavaScript

Frameworks: Spring Boot, Spring Cloud, Spring Security (OAuth2/JWT), Spring Data JPA, Hibernate, JUnit 5, Mockito

Architecture: Microservices, REST APIs, Event-driven design (Kafka), API Gateway, Design Patterns, System Design basics

Databases & Caching: MySQL, PostgreSQL, MongoDB, Redis

DevOps & Cloud: Docker, Kubernetes (basics), Jenkins, GitHub Actions, AWS (EC2, S3, RDS, CloudWatch), Linux

Tools: Git, Maven, Postman, Swagger, JIRA, SonarQube, IntelliJ IDEA

WORK EXPERIENCE

Software Engineer – XYZ Solutions Pvt. Ltd.

Jul 2024 – Present

Bengaluru, Karnataka · E-commerce platform

- Own 6 Spring Boot microservices for order, inventory and payment flows serving ~50,000 daily orders.
- Reduced p95 latency of the order API by **40%** by optimising MySQL queries, adding indexes and Redis caching.
- Introduced Kafka order events, decoupling notifications and eliminating timeouts during sale peaks.
- Raised unit-test coverage of core services from 52% to **80%**; review pull requests and mentor 3 junior developers.

Associate Software Engineer – ABC Technologies Pvt. Ltd.

Aug 2023 – Jun 2024

Mohali, Punjab · Fintech (loan management)

- Built REST APIs for a loan-management system using Spring Boot, Spring Security (JWT) and PostgreSQL.
- Automated daily reports with scheduled jobs, saving the operations team ~2 hours per day.
- Containerised services with Docker and set up a Jenkins pipeline for build, test and staging deployment.

INTERNSHIP

Java Developer Intern – ABC Technologies Pvt. Ltd.

Jan 2023 – Jun 2023

Mohali, Punjab

- Developed CRUD APIs and unit tests for an internal HR portal; converted to a full-time role after the internship.

KEY PROJECTS

Order Management System – Spring Boot, Kafka, MySQL, Redis, Docker

Work

- Designed order-service APIs and event flow; handled peak loads of ~1,500 orders/minute during sale events.

URL Shortener – Spring Boot, Redis, PostgreSQL, AWS EC2

GitHub

- Custom aliases, link expiry, click analytics and Redis-based rate limiting; deployed with Docker on AWS.

CERTIFICATIONS

- Oracle Certified Professional, Java SE 17 Developer, 2025
- AWS Certified Developer – Associate, 2025
- Microservices with Spring Boot & Spring Cloud – Smart Programming, 2024
- Apache Kafka for Developers – online course with capstone project, 2024

ACHIEVEMENTS

- "Star Performer of the Quarter" (Q2 2025) for the order-service performance improvement.
- Reduced monthly AWS cost of the team's services by ~18% by right-sizing instances and adding caching.
- Delivered 4 internal tech talks (Kafka, Redis, JUnit best practices, clean code) to 40+ engineers.
- Contributed bug fixes and documentation to 2 open-source Java libraries on GitHub.

EDUCATION

B.Tech, Computer Science & Engineering – XYZ Institute of Technology

2019 – 2023

CGPA: 8.0 / 10