

Pratik Chandekar

Software Engineer | Mumbai, India

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## Summary

Software Engineer with ~4 years of experience building scalable, high-availability distributed backend systems using Java (8/17/21), Spring Boot, Kafka, and Kubernetes. Strong foundation in object-oriented programming, data structures, and unit/integration testing, with hands-on experience designing real-time transaction processing and multi-tenant SaaS architectures in the banking and payments domain. Experienced in cloud-native deployments (AWS, Azure), API integrations, CI/CD automation, and production reliability.

## Experience

### Software Engineer — In-Solution Global | Mumbai

Jun 2022 – Present

- Developed production-grade Spring Boot microservices and REST APIs using Spring MVC, Spring Data JPA, Hibernate, DTO-based layered architecture, and global exception-handling frameworks, with comprehensive JUnit-based unit and integration test coverage to ensure reliability and regression safety.
- Designed schema-based multitenancy using Hibernate JPA after evaluating database sharding trade-offs, enabling secure client-level data isolation within a single application instance.
- Built high-scale real-time transaction monitoring platform using Spring Boot microservices, PostgreSQL, Redis caching, and Kafka streaming, supporting low-latency dashboard APIs.
- Migrated Kafka clusters from ZooKeeper to KRaft mode, configuring a 3-node combined controller-broker cluster and implementing producer/consumer integrations across microservices.
- Implemented secure microservices architecture using Spring Cloud Gateway, Eureka service discovery, RBAC authorization filters, and Nginx load-balanced gateway clusters.
- Built product release CI/CD pipelines using Jenkins, Maven, Docker, and Nexus, enabling automated containerized deployments to Azure Kubernetes Service (AKS) via Helm.
- Integrated centralized logging and observability using ELK, Prometheus, and Grafana dashboards for multi-service production monitoring.
- Mentored junior engineers, conducted code reviews, and contributed to system architecture and scalability design discussions while working in an Agile/Scrum environment, actively participating in sprint planning, backlog grooming, and architecture discussions. -Integrated microservices with external banking/payment APIs, implementing resilient REST client patterns, retry handling, and timeout management.

## Skills

**Languages:** Java, JavaScript, TypeScript, SQL

**Backend:** Spring Framework (Spring Boot, Spring MVC, Spring Cloud, Spring Security), Hibernate/JPA, REST APIs, Maven

**Cloud & DevOps:** AWS(EC2, S3, IAM, Lambda), Azure, Docker, Kubernetes (AKS), CI/CD (Jenkins), Helm, Nexus, Nginx

**Databases & Cache:** PostgreSQL, MySQL, Redis, NoSQL

**Messaging & Streaming:** Apache Kafka (KRaft), Event-driven architecture, Publisher-Subscriber patterns, Message partitioning, Consumer groups, Offset management

**Core Java :** Object-Oriented Programming (OOP), Collections, Exception Handling, Multithreading & Concurrency, Data Structures & Algorithms (problem solving, complexity optimization)

**Testing:** JUnit, Unit Testing, Integration Testing

**Observability:** ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana

**Frontend:** Angular, React JS, HTML5, CSS3

**OS & Tools :** Linux, Bash, Git, ChatGPT, Copilot

**Practices :** Agile/Scrum, Software Development Life Cycle (SDLC)

## Certifications

AWS Certified Cloud Practitioner — Jun 2024 (Valid till Jun 2027) — Credential

Education

**B.E. Computer Science — Mumbai University**

2018 – 2022 | CGPA: 8.68