

Pratik Chandekar

Software Engineer | Mumbai, India

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## Summary

Java Full-Stack Software Engineer with 3.9 years of experience designing and building scalable distributed systems and end-to-end web applications using Java (8/11/17), Spring Boot microservices, and modern frontend frameworks including React and Angular. Experienced in developing high-availability transaction-processing platforms in the banking and payments domain, building RESTful APIs, responsive UI components, and cloud-native deployments on AWS, Azure, and Kubernetes. Strong hands-on experience across backend services, frontend integrations, CI/CD pipelines, observability, and production issue resolution, along with mentoring junior developers and contributing to system architecture decisions. Experience building high-volume transaction and reporting systems, integrating distributed platforms through REST and event-driven architectures, supporting production releases, and contributing to platform modernization initiatives in financial transaction processing environments.

## 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.
- Developed and integrated frontend UI modules using Angular/React, consuming secure Spring Boot REST APIs and implementing responsive dashboard components for transaction monitoring systems.
- 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 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 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.
- Integrated multiple upstream and downstream systems using REST APIs and Kafka-based event-driven communication to support real-time transaction processing and reporting workflows.
- Participated in sprint planning, backlog refinement, UAT issue triage, and production deployment support within Agile delivery cycles.
- Designed optimized SQL queries, joins, and indexing strategies to improve transaction reporting performance and reduce API response latency.

## Skills

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

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

**Frontend:** Angular, React JS, HTML5, CSS3, REST API Integration

**Cloud & DevOps:** AWS, Azure, Docker, Kubernetes (AKS), Jenkins, Helm, Nexus, Nginx

**Databases & Cache:** PostgreSQL, RDBMS (SQL joins, indexing, query optimization), Redis

**Messaging & Streaming:** Apache Kafka (KRaft)

**Core Java :** Object-Oriented Programming (OOP), Collections, Exception Handling, Multithreading & Concurrency

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

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

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

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

**Domain Exposure:** Banking, Payments, Transaction Processing Platforms

## Certifications

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

## Education

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

2018 – 2022 | CGPA: 8.68