

# Pratik Chandlekar

Software Engineer | Mumbai, India

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## Summary

Senior Software Engineer with ~4 years of experience designing and building high-performance, highly available microservices platforms using Core Java (8+), Spring Boot, Spring Framework, Hibernate, and RESTful APIs. Strong experience developing multi-tenant SaaS architectures, scalable distributed systems, and event-driven platforms using Kafka, Redis, and cloud-native deployments on AWS/Azure/Kubernetes. Skilled in OOAD, design patterns, performance optimization, and enterprise-grade feature ownership, with experience mentoring engineers and contributing to architecture and system design decisions.

## 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.
- 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.
- Implemented GitOps pipelines where Helm commits triggered Argo CD automated AKS deployments, using Jenkins, Docker, and Nexus, with Prometheus–Grafana 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.
- Designed and implemented high-availability, high-performance microservices systems handling real-time financial transaction workloads.
- Applied object-oriented analysis and design (OOAD) principles and design patterns such as Factory, Strategy, and Builder in enterprise backend services.
- Delivered enterprise-grade features independently, participating in code reviews, mentoring engineers, and acting as a technical escalation point for production issues.
- Optimized backend services using Redis caching, query tuning, and JVM performance tuning to improve API latency and throughput.

## 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

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

## Certifications

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

## Education

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

2018 – 2022 | CGPA: 8.68

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

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

**Architecture:** Microservices Architecture, MVC Architecture, REST API Design

**Concepts:** OOAD, Design Patterns, Algorithms & Data Structures, High Availability Systems, Performance Optimization

**Runtime & Tools:** Embedded Tomcat, Redis Cache

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

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

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