

# Pratik Chandlekar

Software Engineer | Mumbai, India

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## Summary

Software Engineer with ~4 years of experience designing and developing scalable backend systems using Java (8+), Spring Boot, Spring MVC, Spring Data JPA, and Spring Security. Experienced in building microservices-based architectures, developing RESTful APIs, performing unit testing, debugging, and performance optimization, and integrating enterprise applications with databases and distributed systems. Proven experience collaborating with business stakeholders to translate requirements into scalable backend solutions and maintaining production-grade applications in cloud-native environments (AWS/Azure, Kubernetes).

## 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.
- Collaborated with business stakeholders and cross-functional teams to gather and translate functional requirements into scalable Java Spring Boot backend solutions.
- Designed applications using Spring MVC layered architecture, implementing controllers, services, repositories, and DTO-based domain models.
- Performed unit testing, debugging, and performance tuning of microservices to improve reliability and response time in production systems.
- Prepared technical documentation, including API contracts, architecture diagrams, and deployment runbooks to support maintainability.

## 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

**Documentation:** Technical Documentation, System Design

**Performance:** Debugging, Performance Optimization

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

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

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