

# Pratik Chandlekar

Software Engineer | Mumbai, India

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## Summary

Software Engineer with ~4 years of experience designing high-availability distributed microservices using Java, Spring Boot, Kafka, and Kubernetes. Experienced in building cloud-native backend platforms on AWS, designing scalable REST architectures, and implementing secure multi-tenant systems. Hands-on exposure to Generative AI tools and API integrations, along with CI/CD automation, observability, and production reliability engineering.

## 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.
- Contributed to backend system design decisions for high-throughput transaction platforms handling real-time event streams using Kafka.
- Experimented with Generative AI integrations using OpenAI / HuggingFace APIs to build internal knowledge-assistant prototypes for API documentation querying. -Designed cloud-native deployments across AWS and Azure, utilizing EC2, S3, IAM roles, and containerized Kubernetes environments for scalable microservice hosting.
- 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.

## 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)

**AI/LLM Tools:** OpenAI APIs, HuggingFace, LangChain (basic exposure)

**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

**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