

## Pratik Chandlekar

Software Engineer | Mumbai, India

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## Summary

Java Full-Stack Software Engineer with ~4 years of experience designing and building scalable distributed systems and end-to-end web applications using Java (8/17/21), Spring Boot microservices, and modern frontend frameworks including Angular and React, building secure enterprise dashboards and monitoring systems. 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

### 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 Angular-based merchant and transaction dashboards, displaying merchant details such as Bank ID, payment processors (Lyra, TPSL), and transaction data with secure RBAC-based access control, enabling role-restricted operational visibility.
- 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 a real-time transaction monitoring platform using Spring Boot microservices, PostgreSQL, Redis, and Kafka, and developed a React-based frontend dashboard to visualize last 24-hour transaction success and failure metrics using interactive charts, enabling low-latency monitoring and faster issue detection.
- 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, Spring Security, JWT, and RBAC authorization, and resolved a critical production security issue by developing an access token validation filter in Spring Cloud Gateway to prevent unauthorized public access to internal APIs and endpoints.
- 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.

## Skills

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

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

**Frontend:** Angular 18, React JS, HTML5, CSS3, REST API Integration

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

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

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

**Software Design:** Microservices Architecture, REST API Design, Design Patterns, SOLID Principles

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

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

**AI & Productivity Tools:** Generative AI tools (ChatGPT, GitHub Copilot), prompt engineering, LLM-assisted development, basic RAG architecture concepts

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

**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