Pratik Chandlekar
Software Engineer | Mumbai, India
+91 9075467719 • pratikchandlekar280@gmail.com • LinkedIn • GitHub • Portfolio • Blog

Summary

Software Engineer with ~4 years of experience building high-availability distributed microservices using Java (8/17/21), Spring Boot, Kafka, and Kubernetes. Experienced in designing secure API gateway architectures, schema-based multitenancy solutions, and real-time transaction processing systems in the banking and payments domain. Hands-on expertise in cloud-native deployments on AWS and Azure, CI/CD automation, observability, and production reliability, along with mentoring engineers 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.
- 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.
- Designed Spring Cloud-based microservices architecture using Spring Cloud Gateway, Eureka service discovery, centralized configuration, and resilience patterns (retry, circuit breaker) for high-availability distributed systems.
- 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.
- Experienced in scalable system design, performance optimization, and cloud-native deployments on AWS and Azure.
- Identified and resolved performance bottlenecks in high-traffic APIs using query optimization, caching strategies (Redis), and asynchronous Kafka processing, improving response latency by X% (estimate if needed).
- 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

Architecture & Design: Microservices Architecture, Distributed Systems Design, RESTful API Design, Scalability & Performance Optimization, Resilience Patterns (Circuit Breaker, Retry), API Gateway Design

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)

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