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

Summary

building high-availability, high-throughput distributed microservices handling large-scale transaction and event processing using Java (8/17/21), Spring Boot, Kafka, and Kubernetes. Strong foundation in object-oriented programming, data structures, and unit/integration testing, with hands-on experience designing real-time transaction processing and multi-tenant SaaS architectures in the banking and payments domain. Experienced in cloud-native deployments (AWS, Azure), API integrations, CI/CD automation, and production reliability.

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, with comprehensive JUnit-based unit and integration test coverage to ensure reliability and regression safety.
- 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 high-scale 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.
- Built product release 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 and log query optimization
- Optimized PostgreSQL queries through indexing strategies, query tuning, and execution-plan analysis to improve API response latency for high-traffic services.
- 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. -Integrated microservices with external banking/payment APIs, implementing resilient REST client patterns, retry handling, and timeout management.

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, Offset management

Core Java : Object-Oriented Programming (OOP), Collections, Exception Handling, Multithreading & Concurrency, Data Structures & Algorithms (problem solving, complexity optimization)

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

Scripting: Bash, basic Python scripting

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

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