Pratik Chandlekar

Software Engineer | Mumbai, India

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Summary

Software Engineer with 4 years of experience designing and building scalable Java-based microservices architectures for high-availability banking and payment systems using Java (8/11/17), Spring Boot, Spring Cloud, Kafka, and Kubernetes. Experienced in secure API Gateway architectures, schema-based multitenancy, Kafka-based real-time systems, and containerized deployments on Kubernetes (AKS). Hands-on experience across backend, cloud deployment, 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

- Designed and developed production-grade Spring Boot microservices and REST APIs following distributed system and domain-driven design principles 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.
- 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.
- Contributed to microservices architecture design decisions including API gateway, service discovery, and event-driven communication patterns.
- Mentored junior engineers, conducted code reviews, and contributed to system architecture and scalability design discussions.
- Diagnosed and resolved production performance bottlenecks using JVM tuning, query optimization, and distributed tracing across microservices.
- Worked in Agile/Scrum environment participating in sprint planning, backlog grooming, and architecture 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, Azure, Docker, Kubernetes (AKS), CI/CD (Jenkins), Helm, Nexus, Nginx

Databases & Cache: PostgreSQL, 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