

Pratik Chandekar

Software Engineer | Mumbai, India

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Summary

Java Backend Engineer with 3.9+ years of experience building scalable product-grade microservices and distributed transaction systems using Java (8/11/17), Spring Boot, Spring Cloud, Kafka, and PostgreSQL. Experienced in designing multi-tenant architectures, real-time event-driven platforms, and cloud-native deployments on Kubernetes. Strong foundation in data structures, design patterns, and system design, with hands-on ownership of end-to-end feature development, production troubleshooting, and architecture contributions in high-availability banking and payments platforms.

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.
- 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.
- Mentored junior engineers, conducted code reviews, and contributed to system architecture and scalability design discussions.
- Designed and developed microservices from initial architecture design to production deployment, owning database schema design, API contracts, deployment pipelines, and production monitoring.
- Led production issue troubleshooting and performance optimization across distributed services, reducing latency and improving system stability.

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

Messaging & Streaming: Apache Kafka (KRaft)

Core CS: Data Structures, Algorithms, Design Patterns (Singleton, Factory, Strategy, Observer)

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