

Pratik Chandekar

Software Engineer | Mumbai, India

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Summary

Software Engineer with ~4 years of experience designing and building scalable backend systems and distributed microservices using Java, Spring Boot, Kafka, and Kubernetes. Experienced in leading low-level design (LLD), database modelling, and requirement breakdown for backend platforms in banking and payments domains. Hands-on expertise in cloud-native deployments on AWS and Azure, CI/CD automation, production reliability, and mentoring engineers while contributing to architecture and scalability 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.
- 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.
- Provided technical mentorship to junior engineers, guided design decisions, conducted code reviews, and drove adoption of backend best practices across the team.
- 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.
- Led low-level design (LLD) and requirement breakdown for multiple backend services, defining API contracts, database schemas, and event-stream processing workflows.
- Designed database schemas and indexing strategies for transactional and reporting workloads ensuring high-performance query execution.
- Owned end-to-end delivery of microservices from design to production deployment and operational monitoring. -Acted as backend module owner for transaction monitoring services, ensuring reliability, scalability, and SLA adherence across production environments.

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

Certifications

AWS Certified Cloud Practitioner — Jun 2024 (Valid till Jun 2027) — Credential

Education

B.E. Computer Science — Mumbai University

2018 – 2022 | CGPA: 8.68

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)