

Pratik Chandekar

Software Engineer | Mumbai, India

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Summary

Java Full-Stack Engineer with 4 years of experience designing scalable microservices and high-performance web applications using Java (Spring Boot), Angular, SQL, and distributed system architectures. Experienced in REST API development, database query optimization, caching strategies (Redis), and performance tuning of transaction-processing platforms. Strong foundation in Data Structures, Algorithms, and system design with hands-on experience in cloud-native deployments using Docker, Kubernetes, AWS, and Azure.

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.
- Built responsive Angular frontend modules and dashboards consuming secure Spring Boot REST APIs, implementing reusable components and performance-optimized UI rendering, consuming secure Spring Boot REST APIs and implementing responsive dashboard components for transaction monitoring systems.
- 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.
- Optimized PostgreSQL queries using indexing, execution-plan analysis, and query restructuring, improving dashboard API response times by X%.
- Applied caching strategies using Redis to reduce repeated DB hits and improve high-traffic endpoint performance.
- Designed microservices using scalable system-design patterns including asynchronous messaging (Kafka) and horizontal service scaling.

Skills

Languages: Java, JavaScript, TypeScript, SQL

Backend: Spring Framework (Spring Boot, Spring MVC, Spring Cloud, Spring Security), Hibernate/JPA, REST APIs, Maven

Frontend: Angular, React JS, HTML5, CSS3, REST API Integration

Cloud & DevOps: AWS, Azure, Docker, Kubernetes (AKS), Jenkins, Helm, Nexus, Nginx

Databases & Cache: PostgreSQL, Redis

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

OS & Tools : Linux, Bash, Git, ChatGPT, Copilot

Practices : Agile/Scrum, Software Development Life Cycle (SDLC)

Concepts : Data Structures & Algorithms, System Design, Performance Optimization, Database Query Tuning, Indexing Strategies, Scalability Design

Certifications

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

Education

B.E. Computer Science — Mumbai University

2018 – 2022 | CGPA: 8.68