Pratik Chandlekar

Software Engineer | Mumbai, India

+91 9075467719 • pratikchandlekar280@gmail.com • LinkedIn • GitHub • Portfolio • Blog

Summary

Full-Stack Engineer with ~4 years of experience building data-intensive, distributed web applications and microservices using Java/Spring Boot, React/Angular, Kafka, and cloud-native architectures on AWS and Kubernetes. Experienced in developing scalable APIs, real-time data processing pipelines, and high-performance platforms integrating multiple external data sources. Strong interest in AI-driven systems and data engineering workflows.

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.

- Built event-driven data processing pipelines using Kafka and Spring Boot microservices to process high-volume transactional data streams, ensuring scalable ingestion and near-real-time analytics.

Skills

Languages: Java (primary), familiarity with Node.js, 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 (NoSQL cache)

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