Pratik Chandlekar
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Summary

Software Engineer with ~4 years of experience building cloud-native microservices on AWS and Azure, specializing in automation, observability, and platform reliability. Experienced in analyzing system utilization, optimizing infrastructure usage, and building tooling for operational efficiency across Kubernetes and distributed systems. Strong Java backend engineer with hands-on experience in CI/CD automation, cloud deployments, and data-driven engineering improvements. Interested in advancing cloud cost optimization (FinOps) practices through automation, analytics, and engineering-driven efficiency initiatives.

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.
- Analyzed infrastructure utilization across Kubernetes workloads and implemented resource-right-sizing and autoscaling improvements to optimize compute utilization.
- Built monitoring dashboards using Prometheus and Grafana to track system usage trends and support operational efficiency and cost-aware engineering decisions.
- Automated environment provisioning and deployment pipelines using Jenkins, Docker, and Helm, improving infrastructure standardization and reducing operational overhead.
- Mentored junior engineers, conducted code reviews, and contributed to system architecture and scalability 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(EC2, S3, IAM, Lambda), Azure, Docker, Kubernetes (AKS), CI/CD (Jenkins), Helm, Nexus, Nginx

Cloud Optimization: Resource utilization analysis, autoscaling, capacity planning

Automation & Scripting: Bash, Python (basic), CI/CD automation

Databases & Cache: PostgreSQL, MySQL, 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