

Ankit Tandon

Certified Google Cloud Java Full Stack Developer

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Summary

Certified Google Cloud Platform Associate Cloud Engineer with expertise in cloud-native solutions and modern DevOps practices. Experienced in leveraging tools like Docker, Kubernetes, and Helm to optimize application deployment, reducing setup time by 35% in production environments. Dynamic Java Developer with over 3 years of expertise in designing and deploying scalable, cloud-native applications. Proficient in Java 8, 11, and 17, with hands-on expertise in Spring Boot and CI/CD pipelines, driving automation to accelerate software delivery by 30%. Skilled in implementing automated testing frameworks to ensure maintainable, high-quality code.

Experience

Software Engineer at IRIS SOFTWARE

Noida, Uttar Pradesh (April 2022 - Present)

- Think or Swim - Cloud Migration: Charles Schwab

Period: March 2024 - Present

- * Led the migration of 30+ applications to Kubernetes, designing tailored Helm charts and reducing setup time by 35%.

- * Spearheaded the creation of Docker images tailored to application requirements, reducing resource consumption by 70%.

- * Developed and maintained Helm charts for Kubernetes, simplifying deployment processes and reducing setup time by 35%.

- * Troubleshoot performance issues, identifying bottlenecks that reduced application latency by 25%.

- * Built and optimized CI/CD pipelines using TeamCity and Git, reducing deployment time by 30% across cloud environments.

- Think or Swim – Metrics Migration: Charles Schwab

Period: January 2023 - February 2024

- * Oversaw the migration of the metrics system from an in-house MARS (Monitoring And Reporting System) to Prometheus & Grafana, enhancing real-time visibility and alerting capabilities.
 - * Integrated Prometheus metrics with Grafana, building a dashboard to monitor live server status for ThinkorSwim applications.
 - * Established real-time alerting mechanisms in Prometheus, reducing response time to incidents by 25% and minimizing system downtime.
 - * Conducted rigorous testing and data validation to confirm accuracy, enhancing management's ability to monitor performance.
- Back Office Cash Application Migration: TD Ameritrade

Period: April 2022 - December 2022

- * Led development and migration for the Back Office Cash Application, responsible for transactional data handling across Trade, Wire, Tax Payments, Internal Transfers, and ACH transactions.
- * Developed Spring Batch jobs and leveraged PostgreSQL to orchestrate data extraction, transformation, and migration, improving data handling efficiency by 35%.
- * Implemented complex business rules and optimized batch processes using PostgreSQL features to ensure accuracy and reliability of transactional data.
- * Migrated 50M account records to a PostgreSQL-based platform, achieving 99.98% accuracy through automated Spring Batch jobs and reconciliation processes.
- * Diagnosed and resolved performance bottlenecks, reducing application latency by 25% through database indexing and query optimization in PostgreSQL.
- * Verified data integrity through reconciliation processes and cross-checked thousands of records in PostgreSQL to confirm successful migration.

Education

Master of Business Administration in Information Technology at Dr. A.P.J. Abdul Kalam Technical University

August 2018 - July 2020

Bachelor of Technology in Computer Science & Engineering at Dr. A.P.J. Abdul Kalam Technical University

August 2014 - July 2018

Skills

cloud: Docker, Kubernetes, Helm, Podman

java: Java 8, Java 11, Java 17

spring_framework: Spring Boot, Spring Cloud, Spring Security

database: Postgres, MySQL

tools: Git, IntelliJ, TeamCity, SonarLint, Harbor, Harness

monitoring_and_logging: Prometheus, Grafana, Loki, Fluentd/Fluent Bit

Certifications

Associate Cloud Engineer by Google Cloud

Link: https://www.credly.com/badges/f081c094-90ad-48c0-b695-5d106cec5cd3/public_url

Languages

German, English, Hindi