Heerat Singh

Java-Backend Developer, Java-Cloud Developer, Java-Fullstack Developer

My Portfolio - https://heeratsingh.netlify.app

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PROFESSIONAL SUMMARY:

Results-driven Java developer with 3 years of hands-on experience specializing in Java Backend Development, Java Cloud Development, and Java Full Stack Development. Adept at designing and implementing robust, scalable solutions to meet complex business requirements. Proven track record of delivering high-quality software on time and within budget.

EXPERIENCE:

RoundAssist, Toronto — *Java Developer*

November 2022 - PRESENT

- Designed, developed, and maintained the Courier Service Application, one stop shop for shipping and logistic needs.
- Written clean, efficient, and maintainable Java code for the multiple services within the micro service architecture.
- Creating RESTful APIs, gRPC and web services for seamless communication within the service in an AWS EKS cluster.Designed and managed databases (MySQL, PostgreSQL, MongoDb) at local, Dev and Production level in Application.
- Implemented Spring Security in App, including authentication, authorization, and data encryption using JWT token.
- Identified and resolved performance bottlenecks and optimized database queries at the production level of App.
- Written JUnit tests, used Mockito Framework for Unit Testing, assisted in Integration tests, and End-to-End tests.
- Participated in the deployment of App on Docker and Kubernetes on AWS EKS cluster, written manifest, Dockerfile. Implemented logging (e.g., Log4j, Slf4j) to track performance using Aspect Oriented Programming (AOP) in Spring.
- Utilized CI/CD pipelines for automated testing and deployment, used SonarQube for Code Coverage(85%), in Jenkins

VIrtusa, Hyderabad — *Associate Software Engineer*

December 2019 - August 2021

- Collaborated with cross-functional teams to plan migration of transitioning applications to the cloud environment.
- Implemented cloud-native solutions, leveraging services offered by the chosen cloud provider such as AWS, Azure.
- Ensured scalability, reliability, and security considerations are addressed during the migration process of the Apps.
- Assessed the current Java version (1.7) to upgrade it to Java (1.8) a more recent, long time supported version(LTS).
- Documented the entire migration and upgrade process, including architecture diagrams, code changes, and configurations. Stayed updated on the latest developments in Java technologies, cloud services, and industry best practices.

SKILLS:

Java**,** C/C++**,** Python**,** SQL, Git. Spring, Spring Boot, Spring MVC, Spring Data JPA, React.js, Redux, Node.js, Angular.js RESTful API design, JSON, XML, gRPC, Microservices**.** Oracle, MySQL, MongoDB, Redis in Db. AWS, CI/CD: Jenkins, SonarQube, GitHub, Monitoring: Splunk, Kafka, PubSub, SNS/SQS, RabbitMQ.

CERTIFICATIONS:

Oracle Certified Associate – Java SE 8 (July 2020). Persistence with Spring – (Baeldung) (July 2023). REST APIs with SpringBoot – (spring.io) (August 2023).

PROJECTS:

Portfolio - React and Backend -Sanity(CMS).

Food Delivery Microservices App - Angular, SpringBoot, Eureka, MySql, MongoDb, Docker, AWS, Kubernetes, EKS cluster, JUnit and Mockito, CI/CD - Jenkins, Code Coverage SonarQube.

E-Commerce Store - React, SpringBoot, Stripe Integrated.

Spotify 2.0 - React and Rapid API, Shazam Core API for fetching Music.

EDUCATION:

St Lawrence College , Ontario — *Project Management* - January 2022 - December 2022.

VIT University, India — *Information Technology* - July 2016 - June 2020

LANGUAGES:

English (CLB – 9.5),Punjabi (Fluent), Hindi (Fluent).