Charitha Chanamolu

CC

Software Engineer

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Highly skilled and results-driven Software Engineer with 4.5 years of experience in designing and developing scalable and efficient software solutions. Proficient in multiple programming languages and technologies, with a strong background in full-stack development. Demonstrated ability to work collaboratively in cross-functional teams, troubleshoot complex technical issues, and deliver high-quality code on time. Seeking an opportunity to leverage my technical expertise and innovative problem-solving skills to contribute to the success of a dynamic software development team.

Professional Experience

Software Engineer   Lending Club | May 2022 - November 2023

- Contributed to the Loan servicing side, actively involved in scheduling both one-time and recurring payments, generating payoff quotes, and offering enrollment in payment plans for delinquent borrowers.

- Developed REST APIs for revolve services and loan payment service using the Spring and Spring Boot frameworks, ensuring efficient and robust communication.

- Designed and executed batch jobs for extension plans, utilizing the Quartz framework. Enrolled delinquent borrowers in payment plans, improving batch job processing time by 1000 milliseconds through multithreading techniques.

- Demonstrated proficiency in processing a substantial volume of loans, retrieved from the EDH, and efficiently persisted them in the database. Employed multithreading techniques to optimize performance.

- Utilized AWS Lambda to design and deploy batch jobs that automatically triggered the High-risk cache Job on a predefined cron schedule.

- Leveraged BizOps framework to manage failed processes, enhancing payment scheduling during loan onboarding by 100%. Implemented Kafka streaming for loan events, optimizing consumer threads for a 50% performance enhancement.

- Implemented Kafka streaming to capture, process, and transform loan creation/modification events from upstream services into legal and email notifications.

- Contributed to the creation of payment plans for consumers by developing queries that retrieved the necessary rules and information from the MySQL database.

- Played a pivotal role in enhancing operational excellence for the team by creating a variety of Splunk and Wavefront dashboards that captured and displayed essential performance statistics and transaction rates for the services.

- Configured multiple Jenkins pipelines, facilitating a streamlined CI/CD process for various projects, thus contributing to efficient and rapid software delivery.

- Utilized JFrog for streamlined artifactory management.

Software Engineer   Wells Fargo | April 2020 - April 2022

- Managed WebATM project, focusing on card authentication, deposit, transfer, and e-receipts. Coordinated 65 applications supporting restful web services and SAF clients within a Microservices environment.

- Oversaw MRDC project, analyzing check deposits from mobile, assessing confidence scores, and capturing business events. Applied Spring Boot for REST API development and J2EE design patterns for consistent refactoring.

- Utilized Apache Kafka to efficiently consume check details from the Kafka main topic, making REST calls to OCCON (consolidated service). Managed the publication of failed OCCON responses into a delay topic and MongoDB.

- Employed JAX-RS and Spring Web to create scalable REST endpoints for the application, ensuring optimal performance through performance tuning.

- Actively participated in defect resolution and contributed to application enhancements by delivering high-quality code.

- Employed SQL Database (Oracle) for robust data persistence, crafting SQL queries and stored procedures to manipulate and retrieve data effectively.

- Performed comprehensive API Automation Testing using Postman to guarantee the efficiency and scalability of APIs.

- Utilized Gson for the seamless serialization/deserialization of objects into JSON format.

- Conducted unit and integration testing using the JUnit and Mockito testing framework.

- Integrated Jenkins with Urban Code Deploy for automated application deployments to QA VMs.

- Oversaw deployment and release activities for Development VMs through UCD (Urban Code Deploy).

- Conducted API automation testing with Postman, and assisted in BDD automation for WebATM with Cucumber and Karate framework. Performed unit and integration testing using Junit and Mockito.

- Integrated Jenkins with Urban Code Deploy for automated deployments, utilized JFrog for Artifactory management and deployed applications on Pivotal Cloud Foundry. Monitored services with Splunk and followed GIT-defined code management processes.

- Employed Splunk for comprehensive log collection and indexing, ensuring diligent tracking of services.

- Utilized JFrog for streamlined artifactory management.

Java Developer   Health Care Service Corporation | August 2019 - March 2020

- Contributed to PIER, an insurance microservices project handling provider information, location details, bed availability, PIN, and tax details. Played a crucial role in migrating from the legacy system PPW.

- Created JPA entities for provider details, designing, limitations, identification numbers, and tax. Developed endpoints for database operations using Rest API and Spring Boot.

- Implemented business logic using Spring Auto wired and Rest controller annotations. Documented endpoints using Swagger. Used HQL for database queries and performed unit and integration testing with Junit and Mockito.

- Utilized Rest API's, Spring boot application for creating the endpoints.

- Used spring Auto wired, Rest controller annotations to implement business logic.

- Documented the endpoints using Swagger (API documentation).

- Used HQL (Hibernate Query Language) to query the database.

- Performed unit and integration testing using Junit and Mockito testing framework.

- Deployed the project using the Eureka cloud server, managed dependencies with Maven, and utilized GIT for source code management.

Education

Master of Science in Computer Science   California State University, San Bernardino, CA | March 2019
GPA: 3.67

Bachelors in Electrical and Electronics Engineering   V R Siddhartha Engineering College, India | April 2016
CGPA: 9.15

Key Skills

JAVA, SQL, PL/SQL, HTML5, CSS3, JavaScript, Oracle, MySql, MongoDB, IBM DB2, JDBC, Spring, Spring Boot, MVC, Micro-services, Hibernate, JPA, Spring Data, STS, Eclipse, My Eclipse, Intellij IDEA, Apache Tomcat 9.0, IBM Web Sphere 8, Gradle, Maven, Apache ANT, GIT, JUnit, Mockito, Rest Client API, Postman, Swagger UI 2, Mutation testing, BDD testing, RPA, Log4j, Slf4j, Kafka, Active MQ, Jenkins, UrbanCodeDeploy, Jfrog, AWS lambda, Dynamo db, Cloud watch.