**Charitha Chanamolu**

**Software Engineer |** [**cchanamolu@outlook.com**](mailto:cchanamolu@outlook.com) **| (909)754-4733 |** [**LinkedIn**](https://www.linkedin.com/in/charitha-chanamolu-8aa989a3)

**PROFESSIONAL SUMMARY:**

* Results-driven Software Engineer with 4.5 years of experience, known for a proactive approach and a strong track record in software development. Proficient in fostering effective communication and organizational skills. Seeking a software engineering role focused on crafting tools and services that drive lasting improvements in application and company achievements.
* Experience in all phases of Software Engineering (SDLC), Project management (Waterfall & Agile/Scrum Methodology) including requirement gathering, analysis, define project scope, design, coding, app & web server installation, deployment, manual testing and implementation.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming Languages** | JAVA, SQL, PL/SQL, HTML5, CSS3, JavaScript |
| **Databases** | Oracle, MySql, MongoDB, IBM DB2. |
| **J2EE Technologies** | JDBC, Spring, Spring Boot. |
| **Architecture** | MVC, Micro-services. |
| **ORM Framework** | Hibernate, JPA, Spring Data. |
| **IDE** | STS, Eclipse, My Eclipse, Intellij IDEA |
| **Web/Application Servers** | Apache Tomcat 9.0, IBM Web Sphere 8 |
| **Build Tools** | Gradle, Maven, Apache ANT. |
| **Version Control** | GIT |
| **Testing Tools** | JUnit, Mockito, Rest Client API, Postman, Swagger UI 2,  Mutation testing, BDD testing, RPA |
| **Logging** | Log4j, Slf4j |
| **Messaging** | Kafka, Active MQ |
| **CI/CD Tools** | Jenkins, UrbanCodeDeploy, Jfrog |
| **Cloud** | AWS lambda, Dynamo db, Cloud watch |

**PROFESSIONAL EXPERIENCE:**

**Lending Club San Francisco, California**

**Software Engineer – Fulltime May 2022 – Oct 2023**

**Description:**

* 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.
* Played a pivotal role in designing and implementing batch jobs for extension plans, leveraging the Quartz framework for task scheduling.
* 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.
* Effectively harnessed the BizOps framework to handle and store failure processes in the Oracle database, enabling reprocessing of these events at a later point in time.
* 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.

**Environment:** Spring, Spring boot, Rest API, Quartz framework, AWS lambda, Dynamo DB, Cloud watch, Jenkins, Swagger, Maven, Splunk, My SQL, Oracle.

**Wells Fargo April 2020 – April 2022**

**Software Engineer – Contract San Leandro, California**

**Description:**

**Project 1:** WebATM is based on the user interactions with the ATM. It deals mainly with card Authentication, deposit, transfer, withdrawal, campaigning, and e-receipts. There are 65 applications both restful web services and SAF clients supporting the ATM.

**Project 2:** MRDC deals with the check deposit made from Mobile, analyzes the confidence score of the check and captures the business events.

**Responsibilities:**

* Worked in a Microservices based environment.
* Utilized Spring Boot framework for developing rest API end points and uses Spring DI Framework to auto wire dependencies.
* Used Apache Kafkafor consuming the check details from the Kafka main topic and makes a REST call to OCCON (consolidated service). Failure OCCON response is published into delay topic and MongoDB.
* Performed consistent refactoring for our backend java code by using various J2EE design patterns.
* Utilized JAX-RS, Spring Web for developing REST endpoints for the application for creating the endpoints.
* Used SQL Database (Oracle) for data persistence.
* Written SQL queries and stored procedures to retrieve and modify the data against the database.
* Performed API Automation Testing using Postman and ensures API’s are performance efficient and scalable.
* Assisted in writing BDD automation for WebATM application using Cucumber and Karate framework.
* Utilized GSON for serialization/deserialization of objects to JSON.
* Performed unit and integration testing using Junit and Mockito testing framework.
* Integrated Jenkins with Urban Code deploy for automating application deployments for QA VM’s.
* Performed deployment and release activities for Development VM’s through UCD(Urban Code Deploy).
* Utilized JFrog for Artifactory management.
* Utilized Pivotal Cloud Foundry for deploying the application.
* Utilized Splunk to collect and index logs and VMLogs to keep track of the services.
* Followed organizational defined code management processes like GIT.

**Environment:** Spring, Spring boot, Rest API, Kafka, SQL, MongoDB, Postman, Tomcat,Log4J, SLF4j, Gradle, Maven, UCD, PCF, Jenkins, BDD, PITest, Cucumber, Karate.

**Health Care Service Corporation Aug 2019 - March 2020**

**Java Developer – Contract Chicago, Illinois**

**Description:** Provider Information Enterprise Relations(PIER) is the migrated version of Premier Provider Web(PPW) and is an insurance project which predominantly deals with provider details and is built using microservices.

**Responsibilities:**

* Assisted in developing PIER (Provider Information Enterprise Relations) which handles the information like provider information, provider location details, bed availability, PIN, provider tax details etc.
* Played important role in migrating from the legacy system PPW (Premier Provider Web) to PIER.
* Created JPA’s for provider that handles provider designations, provider limitations, provider identification number, tax, individual med training org reference etc.
* Created endpoints for retrieving, creating, updating the provider information into the database.
* 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.
* Used Eureka cloud server to deploy the project and run the project instance.
* Utilized Maven for project’s dependency and lifecycle management.
* Used GIT for source code management.

**Environment:** Spring, Hibernate, Spring batch, Spring boot, HQL, Rest API, JPA, DB2, Swagger, WebSphere, Eureka,Log4J, XSLF4J, Maven, ANT.

**Education**:

Master of Science | Computer Science GPA: 3.67 09/2016-03/2019

California State University, San Bernardino

Bachelors | Electrical and Electronics Engineering GPA: 9.15 08/2012-04/2016

Jawaharlal Nehru Technology University, Kakinada, India