**MATHAN KUMAR M**

**Professional Summary:**

* A seasoned IT professional with 2.9 years of experience in Java/J2ee Standalone Application, Application Backend – Spring MVC, Spring Boot, Manual Development, Team Building & Leadership.
* Expertise in developing Web Application Services using Technologies like Core Java, JDBC, JPA, Spring core, Spring MVC, Spring Boot, Micro services, Restful web services, Maven.
* Knowledge on cloud native language like Quarkus (Rest API, Reactive Database, Native Image creation, Docker image creation)
* Knowledge of Kafka Messaging service and worked on producer part.
* Expertise in front end technology like Angular.
* Knowledge on SSO using RedHat Key-cloak for token-based authentication and authorization.
* Strong knowledge of structured analysis, design and programming techniques and development methodologies and have ability to identify, define and develop right standards, process.
* Expertise in developing Web Application UI using Technologies JSP, HTML, CSS, Angular
* Working experience on database connections with MSSQL, MYSQL.
* Experience in using GIT, SVN for source control system.
* Experience in UNIT Testing using Junit, QuarkusTest and Mockito.
* Experience in Spring Security using JWT Tokens, Authentication and Stateful Token.
* Having hands on experience in handling Use Cases, Functional Specification, Knowledge Transfers and Business Analysis.
* Good working knowledge on Application development and maintenance projects.
* Ability to learn new technologies with minimal time.
* Experience in Manual Deployment and Linux comments.
* Strong knowledge of DB design and DB migration.
* Team Player- easily interacted with teammates and worked as a team.
* Basic Knowledge of Spring Cloud and micro services.
* Maintains the project and Knowledge Transfer about the project to the teammates.
* Understand the situation and be able to react accordingly.

**Technical Skills:**

* Programming : JAVA
* Process : Agile, SDLC
* Paradigms : OOPS, UML and MVC, Design Pattern
* Frameworks : Spring (Boot, MVC, Data, Security, Cloud), JPA
* Web Frameworks : Spring Boot, Quarkus and Angular
* Front End : HTML, CSS, JSP
* Cloud-Native : Quarkus
* Test and Junit : JUNIT.50, MOCKITO,QuarkusTest
* Database : MSSQL, MYSQL
* Data Handling : Apache Kafka
* Repository : SVN, GIT
* Deployment : Manual Deployment, Shell Scripting
* Build : MAVEN
* Software’s : Postman, Putty, GitHub, Excel
* OS : LINUX, Windows
* IDE : ECLIPSE, STS and INTELLI

**Trained In:**

**Quarkus**

* Completed an intensive Quarkus training program, emphasizing concepts such as Rest API, package creation using native image (graalvm), docker image creation, microservice.
* Hands-on experience in developing applications using Rest API, reactive database, rest client for microservices.
* Participated in RedHat hackathon, developed Banker’s App using Quarkus Rest API and PostgreSQL.

**Project Experience:**

**Project# 1:**

**Maveric Quarkus Internal Project – Banker’s Application**

**Duration: 4 weeks**

**Description**:

To build a portal for the bakers to manage the customer, savings account, and loan account details.

The portal has insights based on the event performed in customer, savings account, and loan account services through the Kafka messaging service. The portal also supports the SSO service using the key-cloak server provided by RedHat. Later it was submitted to Hackathon program.

**Responsibilities**:

* Worked on the Loan account services initialized the project by analysis the requirement and created the DB Scheme diagram and relationship between tables.
* Used the Quarkus framework for creating APIs.
* Worked on the Kafka Producer in Loan service and sent messages to topic.
* Worked on the Key-Cloak SSO for authentication purposes, created the token for the validations.
* Involved in writing QuarkusTest using Mockito.
* Resolving the technical issues when team facing technical issues.
* Coordinate with other team members for their task and issue resolving.
* Merged the teammate source, avoid conflict in source and push the source to GIT.

**Project# 2:**

**Think NXT Project Charter Experience – Currency Exchange Portal**

**Duration: 4 weeks**

**Description**:

To build a portal to perform currency conversion. Customers want to perform currency conversion feature from their account page. This portal acts as the landing page for the customer who is willing to convert their currency from their accounts. Super User will be able to manage the customer profile and their accounts.

**Responsibilities**:

* Initialized the project by analysis the requirement and created the DB Scheme diagram and relationship between tables.
* Implemented the Transaction part and use rest template to connect with Currency rate open API.
* Implemented JWT for securing REST endpoints.
* Involved in writing JUnit’s using Mockito.
* Resolving the technical issues when team facing technical issues
* Technical Design reviews and Code Reviews using Sonar lit and code coverage.
* Requirement Analysis and preparing design document.
* Coordinate with other team member for their task and issue resolving.

**Project# 3:**

CODING.AI (Web Application/Server Application)

**Role: Software Developer**

**Duration: 2.3 years**

**Description**:

CODING.AI is web application which help the medical coders to code and audit the medical records. Also, this helps to find the accuracy and deviation of the codes and generate various reports in reporting module.

CODINGAI Interface Application (IMPORT & EXPORT) is server-side application which Import the medical records from client server and loaded those records in CODING.AI web application and export the same audited medical record to client server.

**Responsibilities**:

* Involved in creating a new API as requirement.
* Involved in creating a java standalone application/Server-side application.
* Involved in import and exporting the client medical record based on their TAT hours.
* Worked on client ticket.
* Resolving the technical issues when team facing technical issues.
* Maintains the project and Knowledge Transfer about the project to the teammates.
* Involved in writing JUnit’s using Mockito.
* Involved in the Deployment for the different environment.
* Requirement Analysis and split the task among the teammates.
* Merge and commit the teammate source in SVN.
* Involved in Production patch, Stage patch and Security patch.

**Qualifications:**

**BTech Information Technology 2016-2020**