Kaitha Sairam

An outcome – driven IT professional with approximately 4 years of professional experience in various domains, including the development, design, and maintenance of REST APIs and applications using JAVA and Spring Boot Microservices.
Possesses excellent hands-on experience in the following technologies.

Summary

- Good Knowledge on Implementing REST APIs and Testing REST API's using PostMan.
- I am familiar with Java 11+, the Spring Framework, microservices, and design patterns
- I possess a strong understanding of JAVA and excel in implementing Java concepts, such as Object-Oriented Programming (OOPS), Exception Handling, Multi – threading and the Collection Framework.
- I have extensively worked with Spring JDBC, Spring Data JPA, Actuator, and Logging.
- Additionally, I have a solid background in Java EE application development, including the creation of applications with RESTful Web Services.
- Proficient in creating Data source and Data service configurations.
- Skilled in executing MICRO INTEGRATION projects by creation of endpoints, REST API's, Mediation logic, and subsequent deployment of artifacts onto the micro integrator server.
- Good knowledge on all environments of DEV, SIT, UAT, PREPROD, PROD & DR and moving application from one environment to another environment.
- Good knowledge of Apache Kafka, MongoDB, and hands-on experience with various open-source tools and technologies.
- Possess a solid understanding of Oracle, MySQL and MSSQL databases.
- Demonstrates a passion for continuous learning and exhibits the ability to grasp new technologies, consistently updating skill sets.
- I am familiar with setting up CI/CD pipelines on GitHub for automating code build, testing, and deployment processes

Skill Set

Technical Skills	: Java
Frameworks	: Spring Boot, Spring JDBC, Spring Data JPA, Web services.
Web Services	: REST
Databases	: Oracle, MySQL.
IDE Editor	: Eclipse, IntelliJ, SQL Developer, SQL Yog, STS.
Operating System	: Windows, Linux.
Version Controls	: GIT Hub.

Projects:

Project 1 : **Perpetual Screening**
 Role **:** Java Developer

Client : Mashreq Bank

Description: In this application, there are three roles: Maker, Checker, and Compliance Team. The Maker's role involves screening the application. This screening application monitors and validates user transactions (HITS) to determine their validity by applying specific rules. If the transactions are valid, the

case is moved to the next level, either to the Checker or the Compliance Team.

Responsibilities:
- Understanding the business requirements of the process and to develop the Micro services.

- Developed the Rest Services using Spring Boot.
- Developed Schedulers and configured the Cron jobs to run on a daily basis.
- Implemented the Database calls using Spring JDBC.
- Used Slf4j for logging and handling defects of the application.
- Responsible for the deployment and build of the project.
- Used POSTMAN for testing REST API's.

Environment: java, Maven, Spring Boot, POSTMAN, STS.

Project 2: Eidiko Employee Management Portal
Role: Java Developer
Description: It is an internal project developed to monitor and manage employees data in the organization by higher level authorities, the data may include personal data, biometric data, skills information, work location information etc.., and providing individuals profiles to each employee where employee can manage his personal data.

Responsibilities:
- Understanding the business requirements to develop the application restful services.
- Created micro-services to implement REST APIs using Spring Boot.
- Created different layers for classes & interfaces, Model, DAO, Controller, Service, UTILs, and Constants etc.
- Used Bean Validations using JAVAX validation & Hibernate valuator dependencies to achieve server side validation using various web forms through annotation based approach.
- Created DAO interface, abstract classes, and concrete classes to interact with persistence entities.
- Used Spring Data JPA to perform Database operations.
- Used Java File IO to generate the documents for utility purposes.
- Integrate Spring Security to validate the users.
- Responsible for the deployment and build of the project.
- Used Slf4j logs for logging and handling defects of the application.
- Used POSTMAN for testing REST API's.

Environment: java, Maven, Spring Boot, POSTMAN, STS.

Project 3 : Cisco Spark Integrations
Role   : Java Developer

Description :
This project aimed at developing integration for Cisco Spark with some project management tools, file management apps, issue tracker apps. This integration will accelerate business outcomes. Integration will send notifications to Spark Space based on the events triggered in the specific application.

Responsibilities:

- Involved in SDLC from gathering client requirements, drafting requirement specification, design, implementation and testing.
- Developed integration solutions between Cisco Spark and various project management tools, file management applications, and issue tracker systems to streamline communication and enhance business workflows.
- Developed and tested RESTful APIs for secure and reliable communication between Cisco Spark and external applications, ensuring data integrity and timely delivery of notifications.
- Ensured security and compliance by implementing OAuth and other secure authentication mechanisms

   for the integration, protecting sensitive data across multiple platforms.
- Build reusable code for future use.
- Optimize applications for maximum speed and scalability.
- Developed and maintained reusable components and libraries to ensure consistency and speed up the development process for future feature additions or changes.
- Ensure compatibility across browsers.
- Handled preflight requests by configuring appropriate responses to OPTIONS requests, enabling proper handling of complex HTTP requests like POST, PUT, and custom headers.

Environment: Java Maven, Spring Boot, MySQL, POSTMAN, Eclipse IDE.

Project 4: ITSM Project
Role   : Java Developer

Client:NNPC (Nigerion National Petroleum Corporation).
Description: Developed a comprehensive system to manage and monitor all assets owned by NNPC, including oil rigs, pipelines, refineries, and storage facilities. The system maintains a detailed inventory of assets, tracking their location, status, and maintenance records. It also allows for scheduling regular maintenance, while keeping a history of completed maintenance tasks. Additionally, the system generates reports on asset performance, maintenance costs, and operational efficiency to help optimize asset management and decision-making.

Responsibilities:

- Developed and implemented server-side logic and database schemas to manage the detailed inventory of assets, including their location, status, and maintenance history
- Designed and optimized relational database structures (using MSSQL) to store asset information, ensuring data integrity and performance.
- Implemented RESTful APIs to allow communication between the frontend and backend, including CRUD operations for assets, maintenance schedules, and reports.
- Implemented business logic for scheduling, tracking, and generating reports on maintenance, operational performance, and costs.
- Implemented interactive charts, graphs, and tables to visualize asset performance, maintenance

costs, and efficiency metrics.
- Implemented secure storage strategies for access tokens and refresh tokens using sessionStorage, or cookies based on security requirements and application needs.
- Used POSTMAN for testing REST APIs.

Environment: Java Maven, Spring Boot, MySQL, POSTMAN, Eclipse IDE.

Highest Degree: Bachelor of Technology (Civil) from Nalla Malla Reddy Engineering College