Mohammad Musa

Skilled in developing backend applications using Java with 4 years of hands-on experience.
Proficient in Spring, Spring Boot, and Hibernate frameworks.
Built RESTful APIs and integrated with relational databases like MySQL and Oracle SQL.
Wrote clean, maintainable, and well-tested code following best practices.
Collaborated in Agile teams, contributing to design, development, and code reviews.

Summary

- Good Knowledge on Implementing REST APIs and Testing REST API's using PostMan.
- 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.
- 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, 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.

Skill Set

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

Projects:

Project 1 : RakBank MW Upgrade

Role : Back-End Developer
Client : RakBank
Environment : Java, Spring Boot, Microservices,Openshift, Integration Server.
Description: The Banking System Data Security Enhancement project focuses on developing and refining services within a banking application to manage and secure sensitive information effectively. This project encompasses various functionalities, including account balance retrieval, loan account details management, account blocking, and account freezing. The primary goal was to ensure that sensitive customer data is adequately protected and masked to prevent unauthorized access and maintain privacy.

Roles and Responsibilities

- Developed and integrated data masking features using Java to protect sensitive information such as account numbers and loan details.
- Implemented data masking patterns to ensure that only partial, non-sensitive information was visible, enhancing security and privacy.
- Designed and implemented backend services for account balance retrieval, loan account details management, account blocking, and freezing functionalities using Java.
- Optimized Java code for performance while maintaining strict security protocols to protect sensitive information.
- Ensured compliance with relevant data protection regulations and industry standards.
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Environment: Azure DevOps, spring boot, Microservices.

Project 2: Eidiko Employee Management

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.
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Environment: Java,springboot,
SQL,Microservices,JPA,Devops, Postman

Project 3 : ITSM Project

Role: Java Developer

Environment: Java, Spring Boot, JPA, Microservices, Reactjs, MSSQL, POSTMAN.

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.

Roles and 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.
- Designed and developed the user interface for the asset management system using ReactJS ensuring an intuitive and responsive layout for monitoring and managing asset.
- 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.

Project 4 : Document Capture

Role: Java Developer

Environment: Java, Spring Boot, JPA, Microservices, Camunda, CI/CD Azure.

Client: MCB (Mauritius commercial bank)

Description: This project consists of two sub projects and communicating with each other. DC is project that developed the application for new/existing customer for MCB bank. This project briefly having Individual and non-individual process for customers integrated with CAMUNDA running on the CAMUNDA Engine.

Roles and Responsibilities:

● Integrated with Camunda system for streamlined instance management and role transitions.
● Orchestrated scheduled tasks through Cron jobs, configured for daily execution, enhancing automation and efficiency.
● Leveraged Spring Data JPA to implement database calls, optimizing data access and manipulation within the application.
● Implemented intermediary service for communicating camunda engine as well as front-end and other services using reactive webclient.

● Efficiently managed a pragmatic database integrated with the Camunda engine to track state transitions, along with user and file details, ensuring seamless workflow automation and data consistency.
● Implemented centralized logging system and maintained code quality and bug-free standards following SonarCloud rules.
● Designed and implemented REST APIs for seamless integration between sub-projects, enhancing communication and data exchange while maintaining security and performance standards.
● Developed and executed unit and integration tests to validate application functionality, ensuring high-quality
deliverables and adherence to business requirements.
● Continuously monitored application performance to ensure fault-free operations, proactively identified and
resolved issues during both development and production phases, leading to enhanced system reliability and minimized downtime.

Highest Degree: Bachelor of Science from Gauthami Degree College