

VishalKumar

SOFTWARE ENGINEER

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EXECUTIVE SUMMARY

Solution-oriented and problem solver with 3.2 years of experience in designing and developing Java/J2EE web applications. My expertise includes Java, Spring Boot, Spring MVC, Rest API Hibernate, Web services, Micro services. With excellent problem-solving skills and a commitment to staying up-to-date with the latest technologies, I am confident in my ability to deliver to p-quality solutions that exceed expectations.

WORKING EXPERIENCE

NEWGENSOFTWARE

Software Engineer

Aug2022 - Present

Atomic System InfoTech

Backend Java Developer

April 2020 - aug 2022

JAVA DEVELOPMENT SKILLS

- Experience in designing and developing Java Web based application. Offering strong expertise in **Java, Java8, Spring ,Spring Boot, Spring Security, Hibernate/JPA Web services and Micro services.**
- Experience with Spring Framework, including Spring Boot, Spring MVC, spring cloud and Spring Data JPA.
- Develop **Restful APIs** for web applications, and ensure that APIs meet performance, scalability, and security standard
- Implementing web Services byusing restful & test the web Services by using postman.
- Implemented several micro services architecture patterns such as Eureka server, Circuit Breaker, API gateway
- Excellent knowledge of Relational Databases, MySQL and ORM technologies (JPA,Hibernate).
- Knowledge of Spring Securityfor API securityimplementation
- Demonstrated expertise in API-based architecture, ensuring modular and extensible application designs.
- Proficiently utilized Git & Git Hub for version control, ensuring effective collaboration and code management within development
- Leveraged the Agile methodology to prioritize iterative development, frequent feedback, and continuous improvement, ensuring timely delivery of features and meeting customer expectations.
- Regenerate response. Experience with JSP for creating dynamic web pages

EDUCATION

B.Tech fromSAM COLLEGE OF ENGINEERING & TECHNLOGEY, BHOPAL (R.G.P.V),UNIVERSITY

(Jun 2015 To may2019)

SKILLS AND EXPERTISE

Core Java , Java 8 features, Collection, Data Structures , Spring , Spring Boot, Hibernate, My SQL, REST APIs ,IBM Web Sphere ,Jsp ,HTML5, Spring Cloud , Junit, Mockito, Web services, Micro services, Postman, Git, agile ,aws

RELEVANT PROJECTS

Project Name: BM_RERLOS_TABLET_AMC

Domain: Banking

Architecture Type: MVC Architecture

Technologies used :Core Java, java8, Spring Boot, Spring Security Hibernate/JPA, Restful APIs, MySQL, micro Services, Circuit Breaker, Eureka Server, API Gateway ,aws.

PROJECT OVERVIEW:

The BM_RERLOS_TABLET_AMC project appears to be focused on improving and automating the loan origination and asset management processes within Bank Muscat, a major financial institution based in Oman. It implements a system that allows customers to apply for loans online, submit required documents electronically, and receive real-time updates on the status of their applications.

Features and Functionalities: Customer registration and profile management. Loan application submission and tracking. Automated credit checks and approval workflows. Asset valuation and management features. Asset valuation and management features.

Implement robust security measures to protect customer data and maintain compliance with banking regulations and data protection laws. Establish a maintenance plan to address updates, bug fixes, and ongoing support for the system.

Project Name :- IB&MB

Domain: Banking

Architecture Type: MVC Architecture

Technologies used: Core Java, java8, Spring Boot, Spring Security Hibernate/JPA, Restful APIs, My SQL, web Services, micro Services, Circuit Breaker, Eureka Server, API Gateway ,aws.

PROJECT OVERVIEW: The Internet Banking & Mobile Banking project aims to develop a comprehensive and secure banking application that allows users to access their bank accounts and perform various financial transactions through both web and mobile platforms. The application is built using the following technologies: Core Java, REST API, Spring Boot, Spring Security, Hibernate, and My SQL..

KEY RESPONSIBILITIES

- Creating Controller classes, Repository layers, DTO classes, and service layers to enhance core functionality and optimize application performance.
- Developed the entire application using MVC Architecture integrating Hibernate with Spring boot Frameworks
- Built micro services architecture to modularize the application and improve capability.
- Setup Eureka server and API gateway for service discovery and routing within the micro services ecosystem.
- Implemented Circuit Breaker patterns using tools like Hystrix to enhance system.
- Designed and implemented Restful APIs and web services to support client-server communication.
- Responsible to test the functionality of the API endpoints in Postman, and verifying that the API meets the requirements
- Integrated Spring Security to enhance the security of web applications, implementing authentication and authorization mechanisms.
- Created Rest Controller, Service, and Service Impl components to handle API endpoints and business logic, ensuring seamless integration and functionality.
- Implemented Hibernate/JPA for data persistence and ensured database schema design met banking industry standards
- Handling and logging exceptions that occur during the execution of the API and returning appropriate error response to the client
- Utilized My SQL for database management and optimization, ensuring data consistency and reliability.
- Deployed the application on AWS (Amazon Web Services) for reliable hosting, leveraging cloud infrastructure to ensure scalability and high availability.