**SUNEETHA RAO DASARI**

**Full Stack Java Developer**

**PROFESSIONAL SUMMARY:**

* Around 11 years of experience in Web Application Development as Java Developer in the IT industry with extensive experience in design and development of applications using middleware/back-end technologies like **Java and Java EE** and hold a Masters’s degree in Computer Science.
* Hands on experience in Software Development Life Cycle (**SDLC**) including requirement analysis, design specification, code development, code integration, testing and deployment of client-server applications using Object Oriented Desing/Development (**OOD**), Object Oriented Analysis and Design (**OOAD**), Model View Control (**MVC)** design pattern methodologies.
* Good working knowledge with core **Java 8 and Java 11 and Java 17 concepts such as OOPs** concepts**, Collections Framework, Exception Handling, I/O System, Multi-Threading, Lambdas, Streams, Functional Interfaces, Sealed classes, JDBC.**
* Extensive experience in developing N-Tier Architecture **Spring boot, Spring, Hibernate, Servlets, JMS** and **JDBC.**
* Hands on Experience in design, development and deployment of web-based applications and Client-Server based applications by using Java**, J2EE** (EJB, Servlets, JSP, JDBC) and Java framework modules such as **Spring (IOC, AOP, MVC, Security, REST, Batch and Data).**
* Used persistence frameworks like **Hibernate ORM (**Object Relational Mapping) tools to achieve **mapping between POJO and Relational Database.**
* Proficient in Object Oriented Design/Development (**OOD**).
* Having experience in consuming and deploying **RESTFUL** and **SOAP** web services.
* Collaborated with a cloud-based team while doing Java development involves leveraging cloud computing service environment like **AWS** (Amazon Web Services) cloud resources such as **S3, Lambdas, RDS**.
* Implemented Micro Services based Cloud Architecture on **AWS** platform and **PCF** (Pivotal Cloud Foundry).
* Extensively used IDEs like **Eclipse, IntelliJ IDE, STS** for development.
* Implemented various **Java EE design patterns** like Singleton and Data Access.
* Implemented objects like DAO, Factory and DTO (Data Transfer Object).
* Good understanding of using **AJAX** and **JSON** to process response data from **RESTful API’s** for updating UI.
* Implemented Cloud computing environments like **Amazon Web Services** and Container technologies such as **Docker** and **KUBERNETES.**
* Experience in writing SQL queries, Triggers and Packages for RDBMS like **MySQL, Oracle, PostgreSQL, Pl/SQL Databases.**
* Implemented **OAuth 2.0** authentication protocols to enhance security and user authentication processes for web applicationswhile API testing in **Postman** tool.
* Proficient experience in Web application development using **HTML/HTML5, Angular JS, Angular2, CSS/CSS3, SASS, JavaScript, j Query, J unit, JSON, Node.js, Ajax, Bootstrap** and **Type Script**.
* Good understanding of software development life cycle methodologies **Waterfall** and **Agile (SCRUM)**.
* Extensive Experience in Java/Java EE programming – **Servlets, JSP, JSTL, JMS, EJB.**
* Proficient in deploying web-based ondifferent application servers like Apache **Tomcat, Web Logic, JBOSS.**
* Experience in working with XML related technologies including **XSD, JAXB, XML- RPC** and **XML Beans**.
* Experience in **Control-M** for scheduling and managing batch jobs and workflows across various platforms, including distributed systems, mainframes, and cloud environments.
* Expertise in using source code control systems such as **GIT** for tracking code changes and ownership**.**
* Experience with J Unit**, MOCKITO, Log4j** in developing test cases and determining application functionality.
* Working experience in building tools like **Gradle**, **Maven** and used **Jira (**Agile Methodology**)** tool for managing projects and to track issues.
* Experience in developing backend services and APIs using Node.js
* Having good understanding in using No SQL DB with **Mongo DB** and open-source tools like Selenium.
* Involved in regular communication and adherence to coding standards for seamless teamwork.
* An experienced software developer, passionate about delivering quality software products with accurate testing and documentation.
* Thorough knowledge of Manufacturing (Automobile), Finance (Banking & Insurance), Retail (Home & Personal Care) domains.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| UI Technologies | **HTML, DHTML, XHTML, CSS, JavaScript, j Query, XSD, JAXB, XML- RPC and XML Beans** |
| Java Technologies | **Java, Java 8, Java11, JDBC, Servlets & JSP, Java EE, Kotlin** |
| Database and Tools | **MySQL, Oracle, PostgreSQL, D Beaver** |
| Web/App Servers | **Tomcat, Web Logic, HTTP Web Server** |
| Java IDE | **Eclipse, STS, Visual Studio Code, Sublime, Notepad++** |
| Design Skills | **OOD, OOAD, Java & Java EE Design Patterns** |
| Frameworks | **Spring (MVC, REST, JDBC, ORM, BATCH), Spring boot, Hibernate, Angular JS, Node.js, Kafka** |
| Tools | **J unit, Maven, Jenkins, Git, Jira** |
| Design Methodology | **Agile, Waterfall and Scrum** |
| Distributed Technologies | **RESTful and SOAP web services** |
| CI/CD Tools | **Docker** |
| Build and Deployment | **Maven, Gradle** |

**KEY COMPETENCIES:**

* **In-depth knowledge of system design principles** such as scalability, load balancing, microservices architecture, data partitioning, fault tolerance, and high availability, with the ability to design systems that meet performance, security, and maintainability requirements.
* **Strong problem-solving and analytical skills** to break down complex systems, evaluate trade-offs, and design scalable, reliable, and fault-tolerant solutions for large-scale applications.

**PERSONAL SKILLS & ABILITIES:**

* Team player with experience in leading and collaborating cross-team to ensure successful delivery of solutions.
* Have excellent organization skills, attention to detail, and ability to multi-task.
* Sound in logical abilities and problem solving, capable of working under pressure and stringent deadlines.
* Excellent communicator in leveraging technical discussions and coordinating effectively with clients and the team.

**EDUCATION DETAILS:**

* MCA - Master of Computer Applications from JNTU, KAKINADA, INDIA 2010
* BSc - Bachelor of Science from Acharya Nagarjuna University, Guntur, INDIA 2007

**PROFESSIONAL EXPERIENCE:**

**FREDDIE MAC SECURITIZATION PLATFORM-Hexaware-USA March 2024 – Till Date**

**Role: Senior Software Developer**

**Description:**

Developed a robust microservices architecture leveraging Java 17, focusing on two critical components: Bond Admin Processor and Bond Admin Orchestrator each operating with its own dedicated database in managing complex financial transactions facilitating processed loan data sourced from an upstream SAP database and engineered precise algorithms to calculate investor balances based on processed loan information, employing microservices orchestration to ensure accuracy and compliance with financial regulations and storing and managing processed loans in the Orchestrator Database for streamlined tracking enhancing operational transparency.

**Responsibilities:**

* Designed and developed a robust microservices architecture utilizing Java 17, facilitating efficient communication and scalability.
* Developed and managed two separate **microservices**, **Bond Admin Processor and Bond Admin Orchestrator**, each interfacing with distinct databases, ensuring data integrity and performance optimization.
* Led the development of two key microservices, **Orchestrator** and **Processor**, each with its own dedicated **infrastructure repository**, ensuring independent scalability and modular deployment.
* Implemented **AMQ (Advanced Message Queuing**) for seamless communication between Bond Admin Processor and Orchestrator, integrating with upstream SAP database to process loans.
* Engineered logic to calculate investor balances based on loan data, leveraging microservices orchestration to ensure accurate and timely financial calculations.
* Developed and maintained interactive API documentation using **OpenAPI (Swagger) UI**, to support internal and external integrations, facilitating easier testing and understanding of API endpoints.
* Enhanced system reliability by implementing fault-tolerant mechanisms and thorough error handling strategies in microservices interactions.
* Utilized database management techniques using **PL/SQL** to store processed loans in Orchestrator Database, incorporating a 'processed' flag for efficient tracking and reporting.
* Collaborated closely with cross-functional teams including SAP integration specialists and finance stakeholders to align technical solutions with business objectives.
* Contributed to continuous improvement initiatives, participating in code reviews, performance optimization, and architectural refinements to support scalability and maintainability.
* Implemented **Cucumber** testing framework to automate and validate functional scenarios for two microservices, ensuring robust code quality and adherence to business requirements.
* Established databases for **Bond Admin Processor and Bond Admin Orchestrator microservices**, optimizing data management and integrity across environments.
* Implemented data sourcing from **SAP ERP database** to microservices, facilitating effective data management and real-time analytics.
* Utilized SAP database as an ERP source to integrate and source data for microservices, enhancing data consistency and operational efficiency.
* Developed and maintained data pipelines to extract, transform, and load (ETL) data from SAP into microservices architecture, improving real-time data availability.
* Collaborated with cross-functional teams to ensure seamless data integration and address any issues related to data flow and consistency.
* Designed and built **Jenkins** pipelines to automate build, test, and deployment processes, increasing development efficiency and enabling continuous integration and delivery (CI/CD).
* Implemented **Webhooks in Bitbucket** to trigger Jenkins CI/CD pipelines, automating build processes and improving deployment efficiency.
* Designed and implemented **service discovery with Netflix Eureka** as part of a microservices architecture to improve service-to-service communication and fault tolerance.
* Deployed and managed Eureka server instances for high availability and automatic scaling in AWS cloud environment
* Automated the setup and configuration of Eureka servers and clients through infrastructure-as-code tools such as Terraform.
* Integrated **Kiali** for real-time monitoring and logging of microservices, enabling proactive issue detection and performance optimization.
* Utilized **Bitbucket** for version control and collaborated on code reviews, ensuring consistency and quality in development practices.
* Implemented **Okta for Multi-Factor Authentication (MFA) and Single Sign-On (SSO)**, enhancing security and user experience by enabling seamless access to applications while maintaining robust authentication protocols.
* Utilizing **Control-M**'s scheduling capabilities to optimize the execution of critical financial transactions and data processing batch job within the Bond Admin Orchestrator microservice.
* Implemented version-controlled **database migration scripts**, improving deployment efficiency and reducing errors by integrating **Flyway** into CI/CD pipelines, streamlining deployment processes and enhancing overall system reliability.
* Managed and optimized the **infrastructure repository** for microservices Orchestrator and Processor. Utilized tools like **Terraform for Infrastructure as Code** (IaC) to streamline deployment and CI/CD pipelines for automated testing and continuous delivery, ensuring high scalability and fault tolerance in batch processing workflows.
* Leveraged **Terraform** to automate the deployment of microservices-based Spring Boot applications on cloud platforms, ensuring consistent infrastructure provisioning and version control.
* Designed and implemented custom queries using JpaRepository and CrudRepository, leveraging **Spring Data JPA’s** repository support for seamless data access, including query methods, derived queries, and @Query annotations.
* Implemented transaction management using @Transactional and optimized complex queries with pagination, sorting, and @Query to handle large datasets efficiently.
* Designed and implemented a scalable, fault-tolerant system using **Kafka** to manage the communication and orchestration of remote chunking in Spring Batch, optimizing data processing across distributed systems.
* Leveraged **Kafka** to handle the efficient streaming of 5 million loan records in batch processing workflows, ensuring high throughput and minimizing latency during data ingestion and processing.
* **Designed and implemented asynchronous messaging architecture** using **AMQ and Kafka** to streamline real-time financial transaction processing, ensuring high availability and fault tolerance.
* **Optimized event-driven microservices** in a financial application by leveraging **Kafka for distributed event streaming** and **AMQ for reliable message queuing**, improving system scalability and reducing latency.
* **Integrated AMQ and Kafka in a Spring Boot microservices ecosystem** to handle high-volume financial data, ensuring **efficient message routing, transactional integrity, and seamless upstream/downstream communication** with SAP and other financial systems.
* Developed custom processors and listeners in **Spring Batch**, integrated with **Kafka**, to manage the handling and retrying of loan IDs with failed processing, ensuring data integrity and improving system resiliency under high-volume transaction loads.
* Experience in setting up and automating continuous integration and continuous deployment (**CI/CD**) pipelines within **OCP** environments using Jenkins Pipelines, improving development workflows and reducing time-to-market for application releases.
* **Deployed and managed Spring Boot microservices on OCP**, leveraging Kubernetes-based container orchestration for **scalability, high availability, and automated deployments** in a financial application.
* **Implemented CI/CD pipelines using Jenkins and OpenShift**, automating **containerized microservices deployments, scaling, and monitoring**, ensuring seamless application lifecycle management in a hybrid cloud environment.
* Utilized **Confluence and Jira** for documentation and project management, facilitating seamless communication and alignment across development, QA, and business teams.
* Conducted **Fortify scans** to identify and mitigate security vulnerabilities in Java codebase, ensuring adherence to industry best practices and regulatory requirements.
* Performed **FOSS** (Free and Open-Source Software) scans to assess third-party dependencies for license compliance and security risks, mitigating potential legal and operational issues.
* Utilized **SonarQube** for continuous inspection of code quality, enforcing coding standards and improving maintainability across microservices architecture.
* Collaborated with development teams to prioritize and remediate findings from scans, enhancing overall application security and performance.
* Experienced in creating, managing, and optimizing Docker images and containers for various applications, ensuring lightweight, portable, and consistent environments across different stages of the software development lifecycle.
* Implemented role-based access control (RBAC) and managed data security using AWS Identity and Access Management (IAM) policies to ensure secure access to sensitive data stored in AWS Redshift.
* Developed and maintained ETL pipelines for seamless data ingestion into AWS Redshift using AWS Glue, S3, and third-party tools to automate data transformation and loading processes.
* Deployed and managed Spring Boot microservices on **AWS EKS**, utilizing Docker containers for consistent and scalable application deployment across multiple environments, ensuring high availability and fault tolerance.
* Implemented Kubernetes orchestration on **AWS EKS** to automate the deployment, scaling, and management of Spring-based microservices, optimizing resource utilization and enhancing application performance with auto-scaling features.
* Implemented automated scanning processes within **CI/CD** pipelines, integrating security and quality checks seamlessly into development workflows.
* Worked on a Proof of Concept (POC) for GraphQL, demonstrating its capabilities for querying and manipulating data more efficiently than traditional REST APIs and evaluated performance improvements and data fetching strategies, resulting in reduced latency, improved client-server interaction.
* Utilized IntelliJ IDEA for seamless Spring Boot project setup, including integrated support for Spring Initializr, dependency management, and auto-configuration of Spring Boot applications

**Environment: Java 17, Gradle, Spring Boot, Microservices Architecture, Spring Batch-Remote chunking, SAP ERP database, Git, Jira, PL/SQL, PG Admin, RESTful services, Control-M, Flyway, Open API, IntelliJ, Okta, AWS EKS, Swagger UI, Spring Data JPA, Kiali, Jenkins, Bitbucket, Confluence, Fortify scan, FOSS scan, SonarQube, GraphQL.**

**HELI CONSULTING LLC (CREDIT UNION)-USA March 2023-Feb 2024**

**Role: Senior Java Developer**

**Description:**

Developed Java 11, microservices-based architecture using Spring Boot to handle Credit Card business transactions. Enhance the implementation of specific features such as user existence validations and retrieval, mobile app user authentication and basic information retrieval and transaction from the database using three screens. Involved in creating components in ensuring security and validity of credit card transactions, securely authenticating users to access banking application through mobile app and fetching essential details and conducting secured transactions.

**Responsibilities:**

* Converted a monolithic application to Micro services **architecture** using **Spring Boot** using 12-Factor app methodology.
* Implemented **RESTful services** in Micro services **architecture** using **Spring Boot** to read organization, location and accounts data.
* Generated Metrics with method level granularity and persistence and implemented transaction management using **Spring AOP** and **Spring Actuator**.
* Used **Spring Con fig server** for centralized configuration and S plunk for centralized logging.
* Used Jenkins for Micro services Deployment.
* Implemented Zipkin for Microservices monitoring.
* Spring Batch jobs used for migrating the data from old beacon space to new provider portal.
* Collaborated effectively to ensure seamless interoperability between **Kotlin** and Java components to achieve synergy and showcasing adaptability and teamwork.
* Utilized **Kotlin**’s Strength in expressiveness and safety to enhance the overall quality of code base that facilitate improved code readability and maintainability.
* Implemented **Apache Kafka** to establish a high-throughput, fault-tolerant messaging system for real-time data streaming.
* Developed micro-services using Spring Boot, incorporating **Spring Data MongoDB** for streamlined data access and manipulation.
* Implemented indexing strategies, query optimizations, and caching mechanisms, resulting in significant improvements in data retrieval speed and application responsiveness.
* Implemented pagination in the backend using **Spring Boot** with Pageable and Page interfaces for efficient data retrieval.
* Proficient in mapping Java objects to database tables using JPA annotations such as @Entity, @Table, @Id, @OneToMany, @ManyToOne, and @ManyToMany to model complex relational data structures.
* Designed and implemented custom data access logic using JpaRepository and CrudRepository, utilizing Spring Data JPA's powerful repository features such as derived query methods, custom queries with @Query annotations, and seamless integration for efficient database operations
* Developed the frontend with **Angular**, fetching paginated data and utilizing **Angular Material** paginator UI components to enhance user navigation through large datasets.
* Implemented OAuth 2.0 protocols to enable secure authorization for third-party applications while ensuring a seamless user experience. Utilized authorization code flow, client credentials flow, and implicit flow to integrate external services securely.
* Designed and developed stateless API authentication using JSON Web Tokens (JWT), ensuring secure, token-based user authentication across distributed systems. Incorporated JWT signature verification, token expiration management, and refresh tokens to enhance security and maintain session persistence.
* Skilled in using Docker Compose to define and manage multi-container applications, automating the deployment and orchestration of services with interconnected dependencies, ensuring seamless development and testing environments.
* Create Lambda functions to perform tasks to processing data files uploaded to **S3**, Validating and transforming data using **Glue**, used **Athena** to run SQL queries against data stored in S3 and triggering Spring Batch jobs for data processing and generating reports
* Configured AWS CloudWatch to monitor application performance and system health, for centralized log collection and analysis, enabling real-time troubleshooting.
* Integrated Hibernate ORM, utilizing its features to streamline data modeling and interaction with MongoDB, Ensuring seamless mapping between Java objects and MongoDB documents for enhanced code maintainability.
* Designed and implemented **Kafka** producers and consumers to facilitate efficient communication between micro-services, enhancing overall system performance.
* Developed Java-based Kafka producers for publication data to Kafka topics and consumers for consuming data present in topics to database.
* Used **Jira** for issue tracking and **GitHub** for version control.
* Used **PostgreSQL** database to manage Spring batch tables.
* Configured and managed Spring Boot application run/debug configurations in IntelliJ IDEA, enabling streamlined development workflows for local testing, profiling, and debugging across multiple environments.

**Environment: Java, Maven, Spring Boot, Spring Batch, Git, Jira, MongoDB, RESTful services, Spring Data JPA, IntelliJ, S3, Glue, Athena, CloudWatch**, **Kafka, PostgreSQL, Splunk, Zip kin, Kotlin, Spring AOP, Spring Actuator.**

**NFC COMBO- BCV (STELLANTIS)** -**Capgemini**-**India** **Nov** **2021 – Feb 2023**

**Role: Software Development Consultant** (Consultant)

**Description:**

**BCV** manages the codification of equipment of all vehicles manufactured by PSA assembly centers, and vehicles assembled by PSA partners. Goals: construct, dispatch by business units and schedule the higher part of the MBOM (Manufacturing **BOM**), that means the description in **LCDV** attributes of manufactured vehicles.

**Responsibilities:**

* Involved in the complete **Software Development** **Life** **Cycle** (**SDLC**) such as Design, Analysis, Development, and Testing of the System Use Cases based on the functional requirements.
* Implementing and exposing the **Micro services architecture** with **Spring Boot**-based services interacting through **REST** message brokers.
* Used **RESTful web services** exclusively for returning connection objects in J son from host machine.
* Designed and developed the Database tables and Stored Procedures, functions, and triggers using **PostgreSQL**.
* Defined and constructed layers, server-side objects, and client-side interfaces based on **J2EE** design patterns.
* Written and tested **REST** services using **POSTMAN** plugin.
* Implemented **Java** **EE** components using **Spring** **IOC**, Spring Transactions, and **Spring Security** modules.
* Developed **Hibernate** classes to retrieve and save data using Spring framework manager classes.
* Implemented Data Access Layer (DAL) using **Spring Data** JPA.
* Skilled in mapping Java entities to database tables using JPA annotations(@Entity, @Table, @Id, @OneToMany, @ManyToOne, @ManyToMany), effectively modeling complex relational data structures and ensuring data integrity.
* Used **MAVEN** build tool and deployed Java/J2EE application through Tomcat Application server.
* Involved in creating a Windows Scheduler which will run the batch files at specified duration.
* Involved in Spring transaction management using AOP and implemented Batch framework for record processing using **Spring Batch**.
* Performed test cases using JUnit during the development phase and developed test cases on every new version before sending it for User Acceptance Test.
* Created **Docker** container for java application ensuring portability and scalability.
* Experience with Containerized deployment on cloud platforms like **GCP.**
* Involved in post-production activities which includes resolving application specific issues and pushing the fixes in deployment after each production release.
* Implemented Java Message Service (JMS) API for developing message-oriented middleware (MOM) layer for handling various asynchronous requests.
* By using Apache Kafka distributed streaming process, we created pub-sub messaging for the exchange of data between applications and servers.
* Collaborated with cloud-based team along with java development for seamless communication.
* Integrated GitHub with Google Cloud Build for automated build, test, and deployment workflows.
* Utilized Google API Gateway for managing and exposing RESTful APIs, handling traffic, and applying security.
* Utilized Google Cloud Storage for object storage, especially for storing static files, logs, or backups.
* Used Google Cloud Database Migration Service (DMS) to perform data migration tasks between different database instances.
* Implemented Google Cloud SQL for managing PostgreSQL-compatible databases.
* Implemented Google Cloud Dataflow for handling batch processing jobs.
* Leveraged Google Cloud Functions for migrating components to a serverless architecture for cost optimization and scalability.
* Used **Git** for version control and **JIRA** for bug tracking, and project management.

**Environment: Java, J2EE, JPA, Restful-Seed Stack-Feign, Maven, Spring Boot, Spring Data JPA, GCP cloud, GCP DMS,**

**Spring IOC, Spring DATA, Spring Batch, Git, XML BEANS, Kafka, JAXB, XSD, Jira, D Beaver, Eclipse, Angular 13, Node.js.**

**Customer Loyalty Program (Trinisus Integrated Solutions-India) Nov 2018 – Oct 2021**

**Role:**  Java Back-end Developer (Micro Services + Spring Boot)

**Description:**

The Customer Loyalty Program gathers the customer information from source systems if they purchase any Insurance Policy in any section. After getting the customer details this application will calculate the loyalty level for the customer and send the loyalty level details to other systems. Customers can choose the policy which they like based on the price and loyalty which they can get.

**Responsibilities:**

* Understanding requirements and turning wire frames and drawings into code.
* Produced high-performance applications by collaborating with the design and testing teams.
* Utilized API's and data sources in accordance with the specifications.
* Consumed and built web services in **SOAP, REST** supporting both **XML and JSON** by taking advantage of Spring Framework.
* Used various J2EE design patterns like DTO, DAO and Business Delegate, Service Locator, Session Locator, Session Facade, Singleton and Factory patterns with the help of **Hibernate ORM**.
* Used Spring Core for IOC implemented using DI and developing Restful Web Services.
* Maintained the reusability, quality, and ongoing code evaluation of the code.
* Handled **UI** with **Angular** **JS** (**MVC** framework) to control the page layout.
* Designed and developed Micro services using **Spring** **Boot**.
* Developed Restful web services in Java 8, Spring, Spring Boot, Development of restful web services.
* Created **Hibernate** mapping files, sessions, transactions, Query and Criteria to fetch the data from DB.
* Strong experience of developing data models using Hibernate POJOs, configuring Hibernate Persistence layer.
* Design and developed web application for business reporting and system monitoring and troubleshooting using J2EE, Tomcat.
* Implemented Java EE components using **Spring IOC** and handled the security using **Spring Security**.
* Used Micro service architecture with spring boot-based services interacting through a combination of REST and **Apache Kafka** message brokers and worked with Kafka cluster using **Zookeeper.**
* Comprehensive knowledge of API management for security and integration within Azure cloud management.
* Deployed micro services into Azure using Azure container Instances (ACI).
* Deployed Java applications on **Linux**-based servers using tools like Apache Tomcat and optimized application performance through **Linux** system tuning and resource management, leading to improvement in application response times and stability.
* Performed Unit testing of the code to provide a bug-free, reliable, and ideal user experience.

**Environment: JDK 1.8, Spring core, Spring Boot, REST, Micro-Services, Azure, Hibernate, Angular JS, Angular2+, Kafka, Zookeeper, J son, Postman, Linux, Maven, Git, JIRA, Tomcat 8.5, Visual Studio Editor.**

**Mortgage Application (Trinisus Integrated Solutions -India )** **April 2016 – Sep 2018**

**Role:** Java Developer (Spring boot + Micro Services)

**Description:**

The objective of Mortgage Plus (loan against security of collateral for housing purpose) is to cater to the software requirements of the departments involved in sanction and disbursal (pre and post) of loans against the collateral for housing purpose, to provide efficient customer service. The end plan is to have Mortgage Plus as a separate system. The system takes the entire flow right from sourcing the application by the sales department with or without the help of DSA through the credit department. In the credit department the loans are sanctioned based on the eligibility criteria of the applicant, to the operations dept where the disbursals are made, and subsequent follow-up done for recovery if any.

**Responsibilities:**

* Pivotal role involvement in designing, implementing and maintaining critical modules such as development, Unit Testing and bug fixing and used **Agile** development methodology.
* Participating in the client meetings to gather the requirements, Coordinate and monitor priorities, delivery schedules.
* Actively participated in daily **scrum meetings** to produce quality deliverables within time and helped in clearing ambiguity in requirements.
* Involved in writing code for controller, service and database layers.
* Designed architecture of real time processing **micro services** workflow considering the upstream and downstream system capabilities.
* Written controller and **DAO classes** to interact with hibernate.
* Primarily focused on Spring components such as **Dispatcher Servlets, Controllers and View Resolver**.
* Data operations are performed using **Spring** wiring with **Hibernate** and implemented hibernate template and criteria API for querying the database.
* Wrote **SQL queries**, PL/SQL stored procedures, triggers, packages on Oracle databases.
* Spring Bean wiring, Spring DAO and Spring AOP modules are extensively used.
* Implemented Micro-Services using Pivotal cloud Framework (PCF) platform built upon **Spring boot** Services.
* Implemented **Jenkins** for a central build and deploy activities by configuring Jenkins in micro service application.
* Used **Jersey** Framework to implement the JAX-RS (Java API for XML and RESTFUL service).
* Migrating the existing application into Microsoft Azure with Azure services.
* Azure Resource Manager (ARM) provides security, auditing and tagging features to help you manage the application resources after deployment.
* Used ARM to deploy, update and delete all the resources in single, coordinated operation.
* Designed and developed robust API integrations using MuleSoft Any point Platform, enabling seamless data exchange between cloud-based and on-premises systems. Implemented API-led connectivity for efficient and reusable integration across multiple business applications, improving system interoperability and process automation.
* Led the implementation of secure and scalable MuleSoft-based integration solutions, ensuring compliance with industry standards. Utilized Any point Studio, API Gateway, and pre-built connectors to integrate critical business systems, while enforcing OAuth, JWT authentication, and encryption for secure data transmission and management.
* Assisted in the setup process, API endpoint configuration, data schemas, and workflow configurations, serving as a key resource for developers, administrators, and stakeholders.
* Detailed documentation on Azure product related bugs and forwarded them to Azure engineering team for permanent bug fixes.
* Designed and developed API’s using Azure API apps.
* Used Eclipse for coding and Log4J for debugging the application.
* Leveraged **Node.js** for asynchronous programming and handling high-traffic applications.
* Deployed Node.js applications on Azure using Azure App Service for scalable and reliable cloud hosting. Collaborated with frontend teams to integrate Node.js backend logic with client-side applications.
* Working with Jenkins, Jira tools.
* Preparing Test Cases using Unit testing.
* Creating and calling Restful Services using Rest Templates.

**Environment: JDK 1.8, J2EE, Spring DAO, Spring boot, Node.js, Web Services, Azure, REST, JPA, Json, Jersey, Log4J, Git, JIRA, Tomcat 8.5, Eclipse.**

**Unilever Home and Personal Care** -**India**  **Jan 2014 –Dec 2015**

**Role:** Java/J2EE Developer

**Description:**

Unilever is one of the world’s largest FMCG Company which produces almost all the household products that includes soaps, foods & beverages, etc. They have implemented SAP for some of their businesses to improve the quality and make easy coordination across the world. Based on that implementation now they are extending further to their business in the remaining countries. This project involves various configuration activities, development of new objects including Reports, ALE IDOC Breaking etc.

**Responsibilities:**

* Involved in writing code for **controller, service and database** layers.
* Involved in various phases of software development life cycle (SDLC) of the application like requirement gathering, Design, Analysis and code development.
* Worked extensively with the back end which comprised of **Spring, Hibernate and JSP**.
* Worked with **Spring MVC and Hibernate** in the back end to build business logic.
* SOAP based web services are consumed to integrate with Web Application.
* Created connections to database using **Hibernate session Factory**, using Hibernate APIs to retrieve and store data to the database with Hibernate transaction control.
* Used **Spring MVC framework** to implement design patterns like IOC (**Dependency Injection**), Spring DAO (Data Access), Data transfer objects, Business Objects, ORM mappings.
* Developed Servlets and JSP for performing CRUD operations on domain specific entities.
* Used SOAP based messaging format to transfer requests and responses and validated the request and responses against XML schema definition.
* Involved in designing and developing the JSON, XML objects with SQL server.
* Working experience with **GitHub, Jenkins, Jira** tools.
* Preparing Test Cases and performed unit test using J unit Framework.
* Responsible for Consuming SOAP and Restful Web services.
* Responsible for **Testing SOAP services** using SOAP UI.

**Environment: Java, J2EE, JSP, Spring MVC, SOAP web services, Hibernate, Git, Maven, PL/SQL, Eclipse, Servlets**.