**Rakshatha B** [**rakshatha333@gmail.com**](mailto:rakshatha333@gmail.com)

**Java Full Stack Developer Ph: +1-4702534697**

**Professional Summary**

* Over 8 years of experience in the development and implementation of Web-based client-serve applications using **Java** and **J2EE** technologies.
* Experience in dynamic web development and Client-side programming with **HTML5, CSS3, JavaScript, JQuery, XML, Bootstrap, AJAX, and JSP**.
* Good experience in development with new front-end frameworks **like Angular JS, Angular Node JS, and React JS.**
* Experience in developing the rendering view **React JS** components, forms, events, routers, and Redux asynchronous functions and implemented React-Flux pattern for core dependency.
* Excellent critical thinking, decision-making, and problem-solving skills required to effectively work in the field of application development and maintenance.
* Solid experience with Core Java concepts such as **OOP Concepts, Collections Framework, and Exception Handling Multi-Threading, JDBC, Generics**.
* Experience in **Core Java** with a strong foundation and hands-on experience on core java components namely Collections, Generics, Multithreading, Data Structures, Exception Handling, Garbage Collection and Lambda expressions, Method referencing, and Stream API.
* Excellent java development skills with core **Java,** Hibernate, and solid experience in **MVC** architecture.
* Expertise in designing and developing enterprise applications using J2EE technologies like **Struts,** **Spring Boot, JDBC, Web services, and Apache Kafka.**
* Involved in designing a fully distributed system with the use of **Restful API** and **Microservices.**
* Experience in **Restful web services development using Express, Node.js, and Mongo DB**.
* Experience working with **Node.js** to set up **web APIs** using **JavaScript**.
* Strong working knowledge of Database Programming using and maintaining **SQL**, **PL/SQL, Triggers** and Stored Procedures, **DB2** and **NoSQL databases MongoDB** and **Cassandra**.
* Expert in Spring Cloud Stream with JMS such as **ActiveMQ, RabbitMQ,** and **Kafka** to support asynchronous messaging among **Microservices.**
* Expertise in writing unit test cases with **Mockito** and **Junit** and performing integration testing.
* Worked on various testing frameworks for front-end/user interface like **Karma, and Jasmine.**
* Experience in CI CD pipelines to integrate the Java code to align with **DevOps** using **Docker**.
* Design and implement database solutions in **Azure SQL Data Warehouse, Azure SQL.**
* Strong experience in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul Proxy.**
* Worked on **Hibernate** as an **Object Relational Mapping (ORM)** Tool for the backend data persistence and used **JDBC** connections to establish a connection between the Servlet pages and backend Databases.
* Expertise in **Amazon Web Services (AWS)** such as **EC2, Lambda, S3, Security groups** and **Simple Notification Services**.
* Worked on Microservices using Docker using **Amazon EC2** container service and Elastic Beanstalk.
* Experienced in Configuring, Automating, and deploying instances on AWS, also familiar with **EC2, Cloud Formation,** and managing security groups on AWS.

**TECHNICAL SKILLS**

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| **Languages** | Java, PL/SQL, SQL, JavaScript, TypeScript. |
| **Java Technologies** | J2EE, Servlets, JSP, JSF, JDBC, JavaBeans, Web, Apache Kafka, JSON, JMS, Spring Batch, Spring Cloud, Spring Cloud, Spring Framework, Hibernate, JDBC. |
| **Web Technologies** | HTML, JavaScript, XML, jQuery, Angular JS, Ajax, JavaScript, Bootstrap, GraphQL, Redux, React JS, Node JS, MERN. |
| **Web/Application Servers** | Tomcat, WebLogic, IBM WebSphere, JBoss, Apache. |
| **Database** | Oracle, DB2, SQL Server PostgreSQL, MySQL, MongoDB, Cassandra, PL SQL, or Informatica. |
| **Testing Tools** | JUnit, JIRA, Cucumber, Protractor, Jasmine, Selenium. |
| **Version Control** | GIT, GitHub, GitLab, Bitbucket. |
| **Methodologies** | Agile, Waterfall. |
| **Build Tools** | Gradle, ANT, Maven, Jenkins. |

**RESPONSIBILITIES**

**First Horizon Bank, Sep 2021- Present**

**Atlanta, Georgia**

**Java Full Stack Developer**

* Involved in the Design, Development, and Support phases of the **Software Development Life Cycle** (SDLC).
* Designed and developed the application using **Agile** methodology, following **SCRUM**.
* Worked in **React JS** for creating interactive UI's using One-way data flow, Virtual DOM, JSX, and React concepts.
* Used **React-router** to route the pages on the client-side and built SPA.
* Developed a **Single** **page application** and structured the JavaScript code using the **React.JS** framework including **MVC architectures**, different modules, specific controllers, templates, custom directives, and custom filters.
* Incorporated **react-redux**for global state management, mainly for the authentication process, and added **redux** for asynchronous handling.
* Developed applications using **Java11** and new features of java (**Lambda expressions, Date-Time API**).
* Scaled **microservices**, distributed systems, and serverless applications using Simple Queue Service (SQS).
* Created new **REST** web service operations and modified the existing web service's **WADL**s Web Application Description Language.
* Used **REST Web services** APIs with extensive use of **AJAX** calls.
* Developed **REST-based** web Services as API using **Spring** and deployed them on Tomcat containers.
* Developed solutions for leveraging the breadth of marketplace services, including **spring cloud** services (eureka, config, Hystrix)
* Used **Spring Data JPA** to develop JPA Repository for accessing the database to **CRUD** (Create, Read, Update, and Delete) data.
* Worked on Developing the Application using **Spring** **MVC** Framework by implementing Controller, and Service classes.
* Designed and developed Business Services using **Spring** **Framework** (Dependency Injection), Business Delegate, and DAO Design Patterns.
* All the functionality is implemented using **Spring Boot** and **Hibernate ORM**. Implemented Java EE components using **Spring MVC**, **Spring IOC**, **Spring transactions**, and **Spring security** modules.
* Developed bean references in **Spring framework** using **Dependency Injection (DI)**/**IOC**
* Developed **Spring Annotations**to simplify the business logic for creating **Spring MVC RESTful web services.**
* Expertise in **Spring Security Module** by utilizing its **Site Minder, OAUTH2.0 Configuration, and OpenID Connect for Enterprise Application Authentication and Authorizations.**
* Implemented **OAuth** in order to secure the application from the unauthenticated user.
* Authenticating Users and providing security to Restful web services using OAuth 2.0.
* Implemented **Kafka** producer and consumer applications.
* Using a highly durable messaging system called **Apache Kafka** for the asynchronous exchange of vital information between multiple business applications.
* Creating dynamic schema design through NoSQL **MongoDB** by writing rich queries and achieving data in a collection to be distributed across multiple systems for horizontal scalability as data volumes increase.
* Good knowledge in employing database caching strategies using **Redis, MongoDB** Elastic search.
* Used **Swagger** Framework for Restful API documentation as **Swagger** gives the rich UI to test the API.
* Documented the **REST APIs** using **Swagger2 API** for briefing the services involved in the application.
* Used **JUnit** for unit testing of the system and **Log4J** for logging and writing the **JUnit** test cases for the functionalities
* Developed Java unit tests using **Mockito and Power Mock**.
* Implemented the **Maven framework** to ease the development, build and dependencies management thus saving a huge development time for the organization.
* Used **Slf4j** for Logging the application.
* Implemented **Angular8** Service and Factory using RESTful API to fetch data from backend.
* Optimized the performance of applications using **Angular 8 Lazy Loading** and ahead of time compilation.
* Implementing a Continuous Delivery framework using **Jenkins**, **CHEF**, and **Maven** in a Linux environment.
* Working experience with **AWS Services:** **Lambda, S3, EC2, EB, CloudFront, DynamoDB,** and **Docker Containerization**.
* Working experience on serverless deployments through **AWS CLI.** changing the AWS infrastructure Elastic Beanstalk to **Docker** with **Kubernetes**.
* Use Amazon Cloud Watch to monitor **AWS** services & Amazon Cloud Watch logs to monitor the application.
* Used **Docker** as a new level of simplicity to define and create applications or services by encapsulating them in containers.
* Developing restful web services using **JAX-RS API** and exchanging data using **REST** templates in **JSON, XML, and TEST**.
* Working on GRAPHQL to retrieve the data from the backend.
* Independently integrate multiple APIs and new features using React & GraphQL.
* Experience in working with GraphQL queries.
* Developed internal API’S using GraphQL, Node.js
* Using REST and GraphQL to create Cassandra data services.

**ENVIRONMENT:** HTML5, CSS3, JavaScript, JQuery, Bootstrap, Angular, Java, Kafka, AWS services, Mongo DB, Docker, Junit, Spring Data, SpringBoot, Rest, ReactJS.

**Duke Energy Corporation OCT 2019 – AUG 2021**

**Charlotte, NC**

* Design and developed the application using framework **Angular** with **HTML5, CSS3**, **Bootstrap, jQuery** and **Typescript.**
* Worked on developing **Angular** applications with extensive server calls using **AJAX**

and stronghold in handling the server data and exceptions to provide an interactive user experience.

* Created interactive web pages and applications with the usage of **HTML 5, CSS, Bootstrap, and Angular.**
* Designed front-end applications and user-interactive web pages using web technologies like **Angular and Bootstrap** for creating grid layouts, responsive screen sizes, and devices.
* Decorating **Angular UI Bootstrap** to appear as a look and feel to create unique features.
* Used Angular HTTP Module to make API calls and worked with observations.
* Enhanced legacy applications by building new components in **Angular** and **typescript.**
* Worked on various features in **ECMAScript** 6 such as Arrow functions, Classes, and enhanced object literals.
* Developed and performed test cases using **Jasmine** and **Karma** for front-end unit testing and used the Cucumber, Protractor, and Http-server for the End 2 End testing.
* Used **Java 8 to** keep code simple and extensively used **core java** technologies such as Collections, Exception Handling, and Implemented **Multithread**concepts in java classes to avoid deadlocking.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API, and Spring Boot for **microservices**.
* **RESTful** Web services to retrieve data from the client side and made **REST API** calls, parsed the data to project to a client, and handled the security and Authorization using **Spring Security**.
* Maintained high-quality **RESTful** services and implemented **REST** web Services using **Spring MVC** and **JAX-RS.**
* Developed Micro Service to provide Restful API utilizing Spring Boot with various data persistence frameworks such as **Hibernate** and JPA and messaging engines.
* Used **Spring Boot** to monitor and manage your application and to interact with different **HTTP** endpoints such as **health, bean details, version details, configurations**
* Implemented internationalization using **Spring MVC Interceptors, Spring Core modules,** and native **Spring AOP** facets of logging and transactional management.
* Configured the **Hibernate configuration** files to persist the data to the **Oracle 9i 10g Database**.
* Used **Hibernate** as a Persistence framework mapping the **ORM** objects to tables.
* Worked on **Hibernate** to connect and retrieve the data from the **SQL Server database**. Configured with Spring to get properties dynamically and connect with SQL Server database.
* Implemented **JWT** token-based authentication for the **REST API**.
* Implemented **OAuth** in order to secure the application from the unauthenticated user.
* Hands-on experience in using message brokers such as RabbitMQ.
* Implemented Relational Database **Oracle and PL/SQL** store procedures.
* Developed stored procedures and triggers using **PL/SQL** to calculate and update the tables to implement business logic using the **Oracle database.**
* Interacted with backend **Oracle** and wrote **Stored Procedures, Functions,** and **Cursors** for deleting and inserting using **PL/SQL.**
* Used **Postman** test Restful web service endpoints and performed operations to get, post, update and delete data.
* Implemented Unit test cases using **JUnit, Log4j, Easy mock** and **Mockito.**
* Worked on **Amazon Web Service (AWS)** EC2 and Continuous Integration with **Jenkins**.
* Wrote build scripts for the project using **Maven** to gather all requirements and dependencies together and compile the necessary for deployment in **JBoss** Server
* Experience with **MOCKITO**, **JUnit, and Log4j**in developing test cases and determining application functionality.
* Integrating various Version control tools like **Bitbucket**, build tools, and deployment methodologies into **Jenkins** to create end-to-end orchestration build cycles.
* Configured and administered Jenkins for CI/CD into Tomcat Application Server.
* Hosted and tested the application on **AWS** servers before publishing it in an actual production environment.
* Designed, built, and deployed applications utilizing almost all of the **AWS**stack (Including **EC2, S3, Dynamo DB, SQS, and EMR**), focusing on high availability, fault tolerance, and auto-scaling.
* Hosted and tested the application on **AWS** servers before publishing it in an actual production environment.
* Used **GSON** Framework to convert **JSON** into objects.

**ENVIRONMENT:** Angular, HTML5, CSS3, Bootstrap, jQuery and Typescript, REST API, Spring MVC, Spring Boot, RESTful APIs, Hibernate, Oracle, JWT, JBoss, Log4j, Junit, AWS, Jenkins, JSON.

**Cardinal Health May 2017- Oct 2019**

**Dublin, Ohio**

**RESPONSIBILITIES:**

* Built UI technologies in **HTML5, CSS3, Bootstrap4, and scripting languages like JavaScript, JQuery, AJAX, DOM, Angular, and ReactJS.**
* Implemented **React JS** Controllers to maintain each view data where the client implemented the UI using **React JS**.
* Used React JS for templating for faster compilation and developing reusable components.
* Experience in writing Components, Pipes, and services to separate concerns and handle different situations by using **Angular.**
* Experience to create a self-contained, reusable, and testable modulus and components **Angular**.
* Integrated testing methods by implementing Karma and Jasmine.
* Responsible for creating a microservices system using **Java 8**with **Spring Boot, Netflix OSS, RESTful API,** and experience with **Java 8** features like **Stream, Lambda expressions,** and **Filters**.
* Conducted the RESTful APIs Integration using **XML** and **JSON**.
* Used **Spring Boot** which is radically faster in building cloud **Micro Services** and developing Spring-based applications with very less configuration. Load data from various data sources into HDFS using **Kafka.**
* Extensively worked on **microservices** with **Spring Boot** and created dynamic documentation for RESTful webservice using **Swagger**.
* Built application on Spring Boot running on Embedded **Tomcat.**
* Developed **Object-Relational (O/R)** mapping **and Data Access Object (DAO)** persistence layer using **Hibernate.**
* Used **Hibernate**with entity beans for interacting persistence layer for **CRUD**operations.
* Used in-built marketplace services of PCF for **RabbitMQ, MySQL** config.
* Used Spring framework with **Hibernate** to map to **Oracle Database** and mapped using Hibernate Annotations.
* Implemented ODBC which is used for connecting to the **Database Oracle**.
* Used various tools to test REST-based Web Services like **Postman.**
* Extensively worked on **JMeter** to create Thread Groups and test Web Applications for various loads on key business scenarios and executed **JMeter** scripts for performance testing of the portal.
* Deployed Spring Boot-based Microservices using **PCF** cloud container.
* Created JSON data and stored it as documents comprising documents, data types, and conversations in **Mongo DB.**

**ENVIRONMENT**: HTML5, CSS3, Bootstrap4 and scripting languages like JavaScript, JQuery, AJAX, DOM, Angular and ReactJS, Angular, JQuery, Hibernate, Postman, Mockito, Power Mock, JMeter, PCF, JSON, Mongo DB.

**Soft Brij IT Solutions April 2015- May 2017**

**Hyderabad, India**

* Coded Modules in **Java**, **HTML**, **JSTL**, **JavaScript**, **CSS**, **JSP** and **Servlets**. Created dynamic HTML pages, used **JavaScript** for client-side validations, and **AJAX** to create interactive front-end GUI.
* Worked on **Angular** modules, services, templates, directives, services, and dependency injection to create a SPA.
* Implemented the Model View Control (Confidential) structure using Spring and **Angular**.
* Used **Angular** **HTTP service** for server communication and seamless user experience.
* Developed **JavaScript** validations on order submission forms.
* Involved in **Core Java** coding by using **Java APIs** such as **Collections, Multithreading, Exception Handling, Generics, Enumeration,** and **Java I/O** to fulfill the implementation of business logic.
* Developed **SOAP-based** web services for integrating with the **Enterprise Information System Tier.**
* Experience in implementing Service Oriented Architecture and web service using **SOAP.**
* Developed **SOAP and RESTful** web services to interact with downstream and upstream systems to exchange data.
* Worked on Spring Web Flow on **Spring MVC** to build an application from scratch using SPRING XML configurations, and annotations.
* Created **Hibernate** mapping files sessions, transactions, Queries & Criteria to fetch the data from the MYSQL database.
* Used the **DAO** pattern for the data access layer and **JMS** API for the messaging requirement.
* Experience in working with databases like **Oracle, MY SQL and DB2**.

**ENVIRONMENT**: Java, HTML, JSTL, JavaScript, CSS, JSP and Servlets, Angular, Bitbucket, hibernate, SOAP, RESTFUL, Spring MVC, DB2, Java API’S.