**Raga Yeruvuri** [**ragayeruvuri4@gmail.com**](mailto:ragayeruvuri4@gmail.com)

**Sr. Java Full Stack Developer 612-986-9349**

**Summary:**

* Around 8 years of experience in Development and design Applications using **JAVA /J2EE technologies**.
* Working knowledge in multi-tiered distributed environment, **OOAD concepts**, good understanding of **Software Development Lifecycle (SDLC)** and familiarity of **Service Oriented Architecture (SOA)**.
* Excellent working knowledge on Core Java concepts like **multi-threading**, **data structures**, **collections** and **exception handling** concepts.
* Good knowledge in SPA's using **JavaScript** libraries.
* Experience in building isomorphic applications on server side using **Redux** with **GraphQL**.
* Proficiency with the **React Native framework**, including the creation and deployment of mobile applications for both the iOS and Android platforms.
* Strong experience in micro service development using **Spring Boot**.
* Good Knowledge on **Data Structures** and **Algorithms**.
* Experience in how to create **GraphQL APIs** using frameworks and having experience writing clear, effective, and reusable queries.
* Used advanced **Java** features like **Lambda** expressions for array operations, Streams and collections.
* Implemented framework and services to analyze modeling analytics using **Groovy** in UI layer.
* Knowledge of the third-party tools **Expo**, **React** **Navigation**, and **React** **Native** Elements as well as the **React** **Native** **CLI**.
* Proficiency with **generational** **garbage** **collection**, **mark**-**and**-**sweep**, **concurrent** and **java** **garbage** **collection** **algorithms** including its strategies.
* Knowledge of **GraphQL** performance improvement methods and caching approaches.
* Performed extensive trouble shooting experience including stack trace analysis and **JVM** tuning experience by changing to heap sizes according to the requirement.
* Involved in working with Core Java concepts like **Collections, Multithreading, Data Structures, Exception Handling** and **Serialization**.
* Used Executor service **multithreading** to implement Parallel processing to run processes asynchronously using future calls to access data.
* Expert in design and development of Enterprise applications using Java, **J2EE**, **Servlets**, **JSP**, **Spring**, **Struts**, **JDBC**, **Hibernate**, **JavaBeans**, **XML**, and **Web services (SOAP & REST)**.
* Experience with Databases like **MySQL**, **Oracle**, **DB2**
* Hands on experience in Core Java concepts such as **Exception handling, Collections, Garbage Collection, IO, Multi-Threading, Design Patterns, Latest Java features, Serialization.**
* Experience in UI development using the **HTML5**, **CSS3**, **Java Script**, **AJAX** and **jQuery**.
* Knowledge on experience with various Application Servers and Web Servers including Web logic, JBoss and **Apache Tomcat**.
* Managing and Monitoring the **JVM** performance by **Weblogic Heap Size**, **Garbage Collection**, **JDBC Pools** and taking **Thread dump**s, **pstack** and **prstat** and analyzing to find the problems in application and configured the session management.
* Experiences with build tools include **Maven**, Gradle and **Jenkin**.
* Extensive experience using **Junit** and **Mockito** for **unit/integration** and **JMeter** for performance testing.
* Experienced using RDBMS databases systems like Oracle, **MySQL**, **PostgreSQL** and **NoSQL** databases like **MongoDB**, **Cassandra**. Experience working with JMS, IBM MQ and **KAFKA**.
* Experience applying the latest development approaches including MVC framework in the browser, event-driven applications using **AJAX, Object Oriented (OO) JavaScript, JSON and XML**. Experience working with JavaScript MVC frameworks Angular JS.
* Used **Bootstrap** and **Angular 11**, **React** and **Node.js** in effective web design.
* Developed Single Page Applications i.e., web applications using JavaScript **MVC frameworks** Such as **Angular.JS** from scratch, developed web pages for different device like Mobile and desktop using Responsive Web Design and Bootstrap.
* Experience working with Node.js to setup **Web API**’s using JavaScript.
* Experience in various web service testing applications like **Swagger**, **SoapUI** and **Postman**.
* Extensively used version control tools like **Git**, **SVN**
* Well versed with **Waterfall** and **Agile** / Scrum methodology.
* Proficient in working with various **IDEs** like **Eclipse**, Spring Tool Suite, **IntelliJ** and **NetBeans**.
* Created Single page applications with the use of JavaScript library React. In-depth experience in React and techniques such as **Redux**, **JSX**, Form Validation and **react-router**.
* Implemented security and authentication concepts such as **OAuth 2.0**.
* Knowledge with message systems with **Apache Kafka**.
* Expertise in open-source framework **Object Relational Mapping (ORM)** tools like **Hibernate** and used Hibernate Annotations to reduce time at the configuration level.
* Expertise in implementation of J2EE Technologies: JSP, JTS, Servlets, JSF, JSTL, EJB transaction implementation, JMS, Struts, Swing, Hibernate, Java Beans, **JDBC**, XML, Web Services, JNDI, Swing, **Serialization**, and **Externalization**.
* Good knowledge in developing single page applications **(SPA’s)** using the JavaScript libraries like **Angular 6 to 11 and React**.
* Experience in developing web applications on **MVC based frameworks** like Spring, **Spring IOC**, Spring Security, Spring Boot, **Spring Cloud**, and Spring MVC.
* Experience in automated deployment tool such as service **Kubernetes** which is used to deploy quickly and predictably.
* Created the **Docker containers** and **Kubernetes console** for managing the application life cycle.
* Good experience on working with Amazon Web Services like **EC2, ELB, VPC, Route53, Auto Scaling, AMIs, AWS Identity and access management, AWS Cloud Watch and Amazon EBS.**
* Utilize **EBS** to store persistent data and mitigate failure by using snapshots.
* Amazon **EC2** is also used for deploying and testing the lower environments such as **Dev and Test**.
* Created **Amazon VPC** to create public - facing subnet for web servers with internet access, backend databases & application servers in a private-facing subnet with no Internet access.
* Created **Snapshots and Amazon Machine Images (AMI's)** of EC2 Instance for snapshots and creating clone instances.
* Hands on experience **TDD (Test Driven Development)** approach by using testing tools such as **Junit**.
* Experience in various **Agile Methodologies** like **Test Driven Development (TDD), SOA, SCRUM, and Waterfall.**
* Expertise in creating **BDD** driven test framework.
* Proficient in **OOAD Technologies** developing use cases, **Activity Diagrams, Sequence Diagrams and Class Diagrams using case tools like Microsoft Visio and Rational Rose**.

**Technical Skills:**

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| Program Languages | Java 8, J2EE, SQL |
| Java Technologies | JSP, Servlets, JavaScript, Groovy, JDBC, JNDI, JavaBeans, Java Script, Unix shell Scripting, Kafka, Zookeeper, CSS, Web Services, HTML, JSTL, UDDI, Restful |
| Web Technologies | HTML5, CSS3, JavaScript, jQuery, NodeJS, React,  Angular (6-11) |
| Frameworks | Hibernate, Spring, Spring Boot, Struts, JPA, Microservices |
| Web/Application Servers | JBoss, WebLogic, WebSphere, Glassfish, Apache Tomcat |
| Databases | Oracle, MySQL, DB2, MongoDB |
| Development Tools | Eclipse, IntelliJ, Spring Tool Suite, SOAP UI, Postman |
| Building Tools | Gradle, Maven, Ant, Jenkins, Jira, Rally, JMeter, Nagios, Kubernetes, Selenium |
| Development Methodologies | Agile/Scrum |
| Version Control | Git, SVN |
| Design Patterns | DAO, Singleton, Factory Pattern |
| Operating Systems | Windows, UNIX, Linux, Mac iOS |
| Testing Frameworks | Junit, Mockito, Cucumber |
| Cloud Computing | Amazon EC2, Amazon S3, Route53, AWS Beanstalk, Amazon EBS, IAM, AWS Lambda, SQS and other services of the AWS family. |

**Professional Experience:**

**Client: Express Scripts, Franklin Lakes, NJ June 2021- Till Date**

**Role: Sr. Full Stack Java Developer**

**Responsibilities:**

* Involving in phases of the project including **technical design, development, testing,** **debugging, implementation, documentation and incorporation** of user feedback to plan enhancements in the application system.
* Understand and adopt **Microservices architecture** to gradually replace a core monolithic application to Microservices.
* Actively participated in the **Analysis, Design, Development** and **Testing** phases of various modules.
* Expertise in spring based microservices, and enabled discovery using **eureka server**.
* Designed and developed **RESTful** Web Services using Spring Boot.
* Developed server-side application to interact with database using **Spring Boot** and **Hibernate.**
* Developed **RESTful Services** with **Java** using **JAX-RS, Jersey** and **Spring Boot**. Coding for consuming the **REST APIs**, getting **JSON** response and parsing them to get the required formats.
* Used Microservice architecture with Spring Boot based services interacting through Apache Kafka.
* Developed **XML, Java Script, Angular 11** for dynamic HTML generation to perform the server-side processing on the client requests.
* Expertise in various components in Spring, which includes **Spring IOC, AOP, Spring JDBC, Spring MVC, Spring JPA, Spring Batch, Spring Security** and **Spring Boot.**
* Created **Angular 11 Directives, Components, Pipes, Injectable across the whole system**, such as to build the custom filter.
* Utilized the features of **Angular 11** to present effective web design.
* Developed various **pages** in the applications in front end technologies **HTML5**, **CSS3**-**SASS**, **JSON**, **Angular 11**.
* Developed Single Page Applications (SPA) using **Angular 11, TypeScript, HTML5, CSS3, and Bootstrap 3**
* Used **HTML5, CSS3, JavaScript, Angular 11 and Bootstrap** in front end.
* Used **Hibernate and Mark Logic, writing service methods and SQL queries, PL/SQL to interact with the Oracle DBMS**.
* Deploy the application on **Amazon Web services (AWS).**
* Use Amazon Cloud Watch to monitor **AWS services & Amazon Cloud Watch** logs to monitor the application.
* Co-ordinated with QA lead for development of **test plan, Test management and defect management.**
* Implemented the function to send and receive **AMQP** messages on **RabbitMQ synchronously and asynchronously** and send **JMS message** to **Apache ActiveMQ** on the edge device.
* 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.
* Integrating various Version control tools, build tools and deployment methodologies into **Jenkins** to create **an end-to-end orchestration build cycles**.
* Used **Jenkins to execute the Maven project** as well to build the version system tool.
* Maintained and managed cloud & test environments and automation for QA, Product Management and Product Support.
* Implemented Spring boot microservices to process the messages into the **Kafka** cluster setup.
* Developed JUnit test cases for **Persistence layer** and **Business layer** to perform the unit **level testing**.
* Configured **Log4j** for adding the debugging information in the code base.
* Used **SVN** for version control.

**Environment:** Java 8.0, Spring 4, Hibernate 4.2, Spring batch, Spring Boot, JPA, JavaScript, Angular 6-11, HTML5, CSS3, Eclipse, Drools, JBPM, Oracle 11g, ILOG, log4j, Junit, TestNG, Selenium, Easy Mock, RabbitMQ, XML, Web Services, SOAP UI.

**Client: Swift, Manassas, Virginia June 2020- May 2021**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Interaction with client team to understand business requirements and develop the System design and **involved in technical discussions**.
* Designed and developed the web application using **Spring Boot**.
* Used Hibernate framework for Data Persistence, involved in creating **the Hibernate POJO Objects** and mapped **using Hibernate Annotations** for data persistence.
* Created interface to use third party services using **RESTFUL webservice** call by a sending **JSON Object**.
* Used **REST Client** and **POSTMAN** to test the rest-based services and used **JUnit and Mockito to test the middleware services**.
* Developed in **Agile/Scrum methodology** and **Test-Driven Development (TDD)**.
* Designed and developed **API with all CRUD capabilities using Restful**.
* Wrote the **Business Logic** using service class.
* Also helped extracting and preparing test data during the **IST (Integrated System Testing)**.
* Swagger annotations were utilized for documentation of **REST services**.
* **Design, develop build** and **packaging tools** for continuous integration build and reporting.
* Automate **the build and release cycles**.
* Used **Collection classes** to **handle the data**.
* Extensively used Factory design pattern to separate dependencies from business logic.
* **Design, develop** and **test HTML, CSS, Bootstrap, jQuery and R** that meets accessibility and web browser standards for website.
* Setup the **continuous Integration (CI)** and **continuous Deployment (CD)** process for the application **using the Jenkins**.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 11. Used Spring MVC as a framework for all the dependency injections.
* Implemented a **Continuous Delivery pipeline** with**Jenkins**and**GitHub**.
* Experienced in writing real-time processing and core jobs using Spark Streaming with Kafka as a data pipe-line system.
* Used **GitHub** version controlling tools to maintain project versions supported the applications through **debugging, fixing** and **maintenance releases**.
* **Designed CSS templates** for use in all pages on the website working with **CSS Background, positioning, text, border, margin, padding,** and **table.**
* Implemented Microservices using **Spring Boot, Spring Cloud, Spring Micro Services** and **enabled discovery using Netflix Eureka Server**.
* Implemented the various services using **Microservices architecture** in which the services working dependently.
* Sending requests and responses toMicroservices through **REST/HTTP**.
* Extensively performed **User Interface validations on client-side**.
* Used **Amazon Cloud Watch** to monitor the application.
* **Amazon IAM** was used to maintain the user credentials and involved in **creating custom IAM policies** to various groups defined within the organization.
* Installed application on **AWS EC2 instances** and configured the **storage on S3 buckets**.
* **Object storage service Amazon S3** is used to store and retrieve media files such as images.
* **Created Snapshots and**Amazon Machine Images **(AMI's) of EC2 Instance**for **snapshots** and **creating clone instances**.
* **Hands on experience on elastic load-balancers (ELB)** for different applications to provide high performance of applications.
* Developed **Java API** to interact with the **Amazon SQS** used in sending **bulk e-mails**.
* Extensively used **JUnit/Mockito** and developed JUnit tests classes.
* Test execution and reporting through **Jenkins**.
* Configured **Cucumber Report Plugin** and **Performance Plugin**to Jenkins to generate **html test reports**.
* Created and Configure Microservices architecture for Directory project and integrated with **Angular 11**.
* Used **NodeJS** to provide **REST services** which allow us to communicate with the client that saves data directly to a database like **MongoDB**.
* Created **JSON Data** and stored as documents, Data types and conversions in **MongoDB**.
* Derived use cases and developed class and **sequence diagrams of the project flow**.
* Used **JIRA** for defect management and to keep track of bugs and issues.

**Environment:** Java 8, J2EE, IntelliJ, MongoDB, Spring Boot, Restful web services, JSON, Micro services, AWS Elastic Bean Stalk, EC2, Amazon IAM, Swagger, Postman, Log4j, NodeJS, NPM, Tomcat, Git, Jira, Agile, Jenkins, WebStorm IDE.

**Total System Services, Atlanta GA Mar 2018 – May 2020**

**Sr. Full Stack Java Developer**

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycles (SDLC)** like Design, Development and testing phases, and developed Use **Case diagrams, Class diagrams, and Sequence diagrams.**
* Developed the **UI using React, Bootstrap, TypeScript**, for interactive cross browser functionality and complex user interface.
* Developed powerful Single Page Application and dynamic responsive Web Application with React.
* Worked with **React Controllers, Directives, Services, Pipes, Guards, React Routing**.
* Used React Observables to create custom components for data manipulations and to display data in company standard format.
* Developed user interface by using the **React HOC, Flux/Redux for SPA development**.
* Designed and developed the **RESTful** web services using **the JAX-RS API** to communicate over the network.
* Worked on Core Java concepts such as OOP Concepts, **Collections Framework**, and **Exception Handling**, **File I/o** and **concurrency, Multi-Threading**, **JDBC**, **Generics**.
* Addressing heavy traffic situation and migrating user-specific data off service instances and into a shared by using **Microservices**.
* All the functionalities are implemented using **Spring IO / Spring Boot** and **Spring JDBC**.
* Designed **REST** and **SOAP services**.
* Implemented **Java EE** components using **Spring MVC, Spring IOC, Spring transactions** and **Spring security modules.**
* Worked on **Swagger API** and auto-generated documentation for all REST calls.
* Implemented persistence layer using **Spring JDBC** template to store data in **Oracle database**.
* Involved in maintaining and updating the procedure for **ETL process**.
* Used Oracle as database and involved in development of **PL/SQL backend implementation** and using **SQL created Select, Update and Delete statements**.
* Involved in writing complex SQL queries using correlated subqueries, joins, **and recursive queries**, PL/SQL stored procedures.
* Changing **AWS infrastructure Elastic Beanstalk to Docker with Kubernetes**.
* Moving existing monolithic architecture to microservices and migrating them to AWS cloud.
* Experienced in writing real-time processing and core jobs using Spark Streaming with **Kafka** as a **data pipe-line system**.
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Developed **Mockito** and **JUnit** test cases to improve code coverage.
* Implemented unit tests for testing React components with frameworks using **Karma** and **Jasmine**.
* Developed **Java Multi-Threading** based collector parser and distributor process.
* Created **JSON** request and validated response using **Postman Interceptor** and **Swagger UI**.
* Setup **CI/CD pipeline** process for the application using the **Jenkins**.
* Apache Maven tool has been used for the build and deployment of the application.
* Monitored the Error logs using **Log4j** and fixed the problems.
* Implemented Spring boot microservices to process the messages into the **Kafka** cluster setup.
* Used **CI/CD tools Jenkins, Git/Gitlab, Jira** and **Docker registry/daemon** for configuration management and automation using **Ansible**.
* Developed **AWS Step Functions**.
* Involved in understanding **SDLC** using **Agile methodology**.
* Implemented Multithreading, Concurrency, Exception Handling and Collections whenever necessary.

**Environment:** Java 8.0, Spring 4, Hibernate 4.2, Spring batch, Spring Boot, JPA, JMS, React, HTML5, CSS3, Eclipse, Oracle 10g, Swagger UI, Log4j, JIRA, Pure XML, Web Services, Kafka, Microservices, REST UI.

**Client: Lucky’s Market, Richmond, VA Aug 2016- Feb 2018**

**Role: Java Developer**

**Responsibilities:**

* Involved in Requirements gathering, Analysis, Design, Development and testing of the application using **Agile Methodology**.
* Designed Web interface using **React, Html, CSS, JavaScript, jQuery** and used various **predefined components** from **NPM**.
* Developed various pages in the applications in front end technologies **HTML5, CSS3-SASS, JSON, React**.
* Worked in developing **Thread** Safe blocks for **multithread** access and distributed transaction management.
* **Developed server-side application** to interact with database using **Spring Boot**.
* Used **Node to run Webpack tasks** and build properly the project.
* Implemented modules into **Node to integrate** with **designs and requirements**.
* Designing and developing **Restful API** and services using best practices to interact within the **Microservices** and with the front end. Using **spring MVC** and **spring rest**.
* Implementation of **Zulu proxy** as the API gateway.
* Experience in Micro services development using spring boot.
* Developed **Stored Procedures** and **Triggers** on **Oracle Database**.
* Experienced in **creating indexes** **and sequences on tables** based on performance analysis.
* Implemented **Spring Boot microservices** to process the messages into the **Kafka cluster** **setup**.
* Worked on Core Java concepts such as OOP Concepts, **Collections Framework**, and **Exception Handling**, **File I/o** and **concurrency, Multi-Threading**, **JDBC**, **Generics**.
* Configured **Kafka** to read and write messages from **external programs**.
* Configured Kafka to **handle real time data**.
* Developed the **multi-threaded framework** with Object Oriented Analysis and Design **OOAD concepts,** Java Concurrency utilities and **Service Oriented Architecture SOA** mostly in cross platform.
* Developed end to end data **processing pipelines** that begin with receiving data using **distributed messaging systems Kafka** through persistence of data.
* Monitoring the health and status of Microservices using **Spring cloud Eureka**.
* **Producing, modifying** and **maintaining** websites and web applications.
* Implemented **Multithreading** for handling multiple requests and for high performance.
* Handled exceptions that arise during the execution of a program using **Exception handling**.
* Followed **agile** software development **practice paired programming, test driven development,** and **scrum status meetings**.

**Environment:** Spring Boot, HTML, CSS, Java Script, React, Node JS, Spring, Microservices, JDK, J2EE, xml, Oracle 12c.

**Client: High-tech Consultant, INDIA Dec 2014 – June 2016**

**Role: Jr. Java Developer**

**Responsibilities:**

* Responsible for **development from scratch**.
* Use of **OOP’s concept** and other Java concepts like **Multithreading/Concurrency, Inheritance, Abstraction** etc. in development.
* Analyzed web applications, documented detail **Test plans, Test cases** and **expected results** based on the business functional requirements.
* Used **SVN** **version** controlling to maintain project versions.
* Involved in implementing the business logic as per the customer requirements.
* Involved in designing **Spring MVC application** and**Hibernate to design module structure**
* Developed Data layer using Hibernate **framework, configured XML mapping files**.
* Responsible to create **DAO CRUD methods** using **Hibernate** & **Spring framework**.
* Wrote **HQL** to handle data from databases using **Hibernate APIs such as create Query**.
* Implemented reverse engineering in Hibernate to **create beans schema** in database.
* Configured **Dispatcher Servlet** and **View Resolver** to intercept incoming requests, manage **Spring MVC flow** and invoke view components with the help **of Dispatcher Servlet**.
* Developed the persistence layer using **JPA**, **Hibernate** **Framework** created the **POJO** **objects** and mapped using **Hibernate** **annotations**.
* Implementation of **Login for Job seekers**.
* Written **SQL Queries**.
* Did system analysis and testing use different Testing Techniques.
* Did **Unit Testing**.

**Environment:** Core Java, Data Structures, Spring, Hibernate, MYSQL, Tomcat, HTML, Eclipse, Junit, Maven.