Rohith Sai

Email: Rohithsai.sm@gmail.com

Phone Number: (614)706 5056

Project Summary

- With 9 years of professional experience in Cross-Platform (Web & Client-Server) application development and design using Object-Oriented Programming, Java/J2EE technologies.
- Expert in various agile methodologies like Scrum, Test Driven Development (TDD), Incremental and Iteration methodology, Pair Programming, Agile Development Testing using Software Development Life Cycle.
- Experience in building applications using various frameworks like spring, Hibernate, EJB, JPA.
- Strong experience in Spring modules - Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix.
- Strong experience in Securing API's using OAuth2.0 token-based authentication/authorization scheme using Spring Security.
- Strong experience in UI frameworks JavaScript, React JS, Angular and Angular JS.
- Strong experience in Microservice patterns – Circuit Breaker Pattern, Aggregator, Proxy chaining.
- Playing the role of the JBoss PAM and JBPM Subject Matter expert and technology consultant
- Experience with Spring JDBC Templates, JMS Templates, Spring EAI, Spring Rest Templates.
- Experience in handling messaging services using Apache Kafka.
- Experience in JMS over messaging to exchange information in more reliable and asynchronous way in enterprise Applications. Used Apache Active MQ.
- Expertise in project facilitation in terms of quality assurance with good implementation knowledge of CMMI version 1.2, ISO 9001:2008, ITIL and ISO 27001.
- Tested Restful web services using Postman, SOAP UI.
- Extensively worked on restful APIs using spring boot 2.
- Experience in implementing SOA and Web Services using SOAP, RESTFUL, JAX-WS, and AXIS.
- Experience on automating scripts for REST and SOAP based API testing.
- Strong Experience with build tools like CI/CD, ANT, Maven, and logging tools like Log4J.
- Experience with Docker containers, AMI's to create Docker images or containers and Kubernetes container orchestration system.
- Sound Experience in database modelling, design and development of PL/SQL stored procedures, packages in relational databases: Oracle 10g/11g, IBM DB2, MySQL, and SQL Server.
- Strong Knowledge of NOSQL database MongoDB, Cassandra as part of Open-Source participation.
- Good working knowledge of AWS, Spring Cloud, Docker, Maven, Gradle in developing applications which use cloud-based services.
- Experience in cloud services using Amazon Web Services (AWS) and Google Cloud Platform (GCP).
- Expertise in using Amazon Web Services AWS. Extensive experience in focusing on services like EC2, VPC, Cloud Watch, Cloud Front, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.
- Experienced in writing unit test cases using Junit, Testing, Mockito and Wrote JUnit Test Cases for challenging environments.
- Worked on various testing frameworks for front end/user interface like Karma, Jasmine, Jest.
- Good Experience in Automation testing using Rest Assured framework and Selenium Web Driver.
- Good working knowledge in version control tools like Git ,GitHub.
- Experience in Developed Maven & ANT scripts in to build and deploy J2EE Applications.
- Experience in using Web/Application Servers like IBM WebSphere 7.0, Apache Tomcat and JBoss, BEA WebLogic.
- Implemented various Design Patterns (Session Façade, Value Object, DAO, DTO, Command, Singleton, Factory, Adapter, MVC, Service Locator etc.) using J2EE technologies.
- Using strong technical Java JBPM expertise, leading the delivery team from the front.

TECHNICAL SKILLS:

- Languages: Java 1.7/1.8, PL/SQL, SQL, UML, TypeScript.
- Java Technologies: J2EE, Servlets 3.1, JSP 2.1, JSF 2.2, JDBC 3.0, JavaBeans, Web Services (SOAP, WSDL, REST), Apache Kafka, AWS, XML, JSON, JMS, Spring Batch, Spring Cloud, Spring Cloud, Spring Framework,Hibernate, JDBC.
- Web Technologies: DHTML/HTML, XHTML 2.0, JavaScript1.x, XML1.0, XSL, XSLT, XPATH CSS, jQuery, Angular JS, Ajax, HTML/HTML5 4/5, CSS2/3, Angular, ExtJs, JavaScript, jQuery, Bootstrap, Graph QL, Relay,Redux , React JS, Node JS, MERN.
- Development Tools: Eclipse, IBM RAD, JBuilder, NetBeans, MS Visual Studio, Spring Tool Suite.
- Web/Application Servers: Tomcat7.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere 7.x/8. X, JBoss, Apache Camel,WebSocket API.
- Database: Oracle 11g, DB2, SQL server, PostgreSQL, MySQL, MongoDB, Cassandra, PL SQL, or Informatica.
- Platforms: Windows, Mac, LINUX.
- Testing Tools: JUnit, JIRA, Cucumber, Protractor, Jasmine, Selenium.
- Version Control: GIT, GitHub.
- Methodologies: Agile, Waterfall.
- Build Tools: Gradle, ANT, Maven, Jenkins.

PROFESSIONAL EXPERIENCE

Sr. Java Full Stack Developer

US Bank, Minneapolis, MN   **December 2021 to Present**

 Responsibilities:

- Migrated existing Monolithic architecture to full-fledged Microservices architecture using Spring Boot & Spring Cloud in multiple stages.
- Designed GUI using JavaScript, Bootstrap, Angular,HTML5, DOM, XHTML, AJAX, CSS3, jQuery.
- Improved the user experience with real-time updates and interactive features through Angular' s two-way data binding.
- Developed a responsive Angular single-page application(SPA) to streamline user interaction and data management.
- Experience in Cross-Platform Mobile Development using Angular JS and Type Script based mobile app.
- Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, jQuery, Node.js, and HTML.
- Developed and maintained enterprise-level applications using Java, utilizing lambda expressions and streams for clean, efficient code.
- Implemented Core Java concepts like Multithreading, Collections, I/O, Generics, and Exception Handling for complex business requirements.
- Apache Maven tool has been used for the build and deployment of the application.
- Implemented a Microservices-based application using the Spring Boot framework and tested the system thoroughly with Spring Boot testing methods.
- Implemented the authentication and authorization of the application using Spring Security and OAuth2.
- Used Spring MVC for developing Restful APIs (web services), Spring Boot for Microservices & Spring Core annotations for Spring Dependency Injection.
- Worked on Swagger API and auto-generated documentation for all REST calls.
- Implemented Spring Boot Microservices to process the messages into the Kafka cluster setup.
- Implemented Kafka for real-time data streaming, enabling efficient and reliable communication between disparate systems, resulting in improved data processing speed and enhanced system scalability.
- Implemented POJO's & DAO's for the database entities using Spring JDBC annotation mappings.

- Implemented and enhanced Java-based multithreading ETL tool for distributed loading XML data into an Oracle database using JPA/Hibernate.
- Used Oracle as a database and involved in the development of PL/SQL backend implementation and used SQL to create CRUD, Views, Joins, Indexes, and Procedures statements.
- Involved in implementing queries to the backend MongoDB database using HTTP service to fetch JSON contract.
- Setup CI/CD pipeline process for the application using Jenkins.
- Configured Kubernetes clusters using Helm charts and Kubernetes manifest files for efficient deployment and management.
- Worked extensively with Google Cloud Platform (GCP), utilizing services such as compute-engine, cloud load balancing, cloud storage, cloud SQL, and cloud deployment manager. Additionally, established an alerting and monitoring system using Stack driver.
- Developed Mockito and JUnit test cases to improve code coverage.
- Developed and performed test cases using Jasmine and Karma for front-end unit testing and used Cucumber, Protractor, and Http-server for the end-to-end testing.
- Monitored the error logs using Log4j and fixed the problems.

Environment: Java 17, Angular 11 framework, Angular routing, Spring 4, Hibernate 4.2, Spring batch, Spring Boot, Spring Security, JPA, JMS, HTML5, CSS3, Cryptography, Eclipse, Oracle 10g, Swagger UI, Log4j, JIRA, Pure XML, Web Services, Kafka, Microservices, REST UI,Apache Spark, GCP.

Sr. Java Full Stack Developer

American Airlines, Fort Worth, TX   **October 2019 to November 2021**

Responsibilities:

- Involved in Agile stand-up meetings throughout the project with team members on day-to-day basis for the update on project status using JIRA and HP ALM.
- Proficient in Angular, using advanced features like lazy loading, AOT compilation, and optimized change detection mechanisms for high-performance single page applications.
- Implemented client-side routing with Angular Router, enabling smooth navigation and deep linking within the application.
- Utilized Angular.js to create interactive and user-friendly UI components to make it easy for the Users during transaction time.
- Integrated Angular hooks with the angular-based web application which improved load times and performance.
- Implemented advanced state management using Ng Rx, a reactive state management library for Angular.
- Implemented Core Java concepts, including APIs, collections, Java 1.8 features, multi-threading, exception handling, generics, Enums, and object-oriented design patterns.
- Implemented object-oriented design patterns, including Singleton, Factory, and Strategy, to create modular and maintainable software solutions.
- Deployed distributed microservices systems using Spring Boot and Spring Cloud, for seamless integration and scalability.
- Utilized Spring aspect-oriented programming and dependency injection for modular, maintainable code.
- Managed Eureka Client, Server, Instance, and Service through Spring Boot.
- Integrated Spring-based microservices with Eureka Server for service discovery.
- Developed RESTful services using Java, JAX-RS, Jersey, and Spring Boot.
- Implemented modules into Node.js to integrate with designs and project requirements.
- Leveraged ActiveMQ for asynchronous messaging within the project, enabling decoupled communication between various components through messages.
- Developed server-side applications to interact with databases, incorporating technologies like Spring Boot and Hibernate.
- Used Hibernate and Mark Logic for database interaction, crafting service methods and SQL queries to interact with the MySQL DBMS.

- Managed and optimized Cassandra clusters for optimal performance, including data replication and partitioning strategies.
- Performed data migration to and from Cassandra, maintaining data integrity and minimizing downtime.
- Setup CI/CD pipelines using Jenkins and used DevOps tools to automate build and deployment processes.
- Utilized Kubernetes for automated deployment, scaling, and management, optimizing resource utilization and enhancing application agility and scalability.
- Deployed the application on Amazon Web Services (AWS) and managed cloud environments.
- Utilized Terraform to automate the provisioning and management of cloud infrastructure components for Java-based applications.
- Utilized AWS services such as EC2 instances, S3 buckets, and CloudWatch for monitoring.
- Coordinated with QA lead for test plan development, test management, and defect management.
- Managed cloud and test environments, along with automation for QA, Product Management, and Product Support.
- Utilized version control tools for efficient code management and collaboration.
- Configured Log4j for adding debugging information in the code base.

Environment: Java 8.0, Angular 8 Framework, React JS, NPM, Redux library, Angular Hooks, Spring 4, Hibernate 4.2, Spring Batch, Spring Boot, JPA, JavaScript, Angular JS , HTML5, CSS3, Eclipse, Drools, JBPM, MySQL, ILOG, log4j, Junit, AWS, TestNG, TypeScript, Selenium, Easy Mock, RabbitMQ, XML, Web Services, Kubernetes, SOAP UI.

Full Stack Java Developer

Humana Inc. TX   **September 2018 to September2019**

Responsibilities:

- Involved in Requirements gathering, Analysis, Design, Development and Testing of application using AGILEmethodology (SCRUM) in a Test-Driven Development (TDD) approach.
- Implemented configured JIRA issue tracking software with Agile plug-in across all the company functions.
- Developed front-end dynamic responsive web application using the React framework.
- Develop various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and redux libraries.
- Utilized React.js with TypeScript to improve code reliability and maintainability, resulting in a more robust and efficient project.
- Used React JS in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
- Designing both low fidelity and high - fidelity prototypes using Axure RP.
- Developed multiple enterprise applications using Spring Boot, Hibernate framework, Spring IOC, Spring MVC,Spring JDBC, Spring Annotations, Spring AOP, Spring Integration, frameworks, RESTful webservices.
- Utilized various jQuery methods to enhance the project's user interface and functionality by customizing CSSproperties for styling, updated HTML content.
- Worked on Java 8 Lambda expressions and Pipelines, Streams.
- Implemented Spring IOC for Dependency Injection and to make the code loosely coupled and Spring AOP forlogging purposes.
- Developed a live-updating web application by integrating Graph QL and Feathers JS in a practical project scenario.
- Managed application deployment on IBM WebSphere, optimizing performance and ensuring high availability for enterprise-level applications through load balancing, clustering, and advanced session management.
- Implemented SOAP based JAX-WS Web services interfaces for integrating multiple systems, code re-usability andconsumed JMeter to test performance of SOAP protocol.
- Implemented RESTful web services which produces both XML and JSON files to perform tasks, RESTful webservice using Jersey for JAX-RS implementation, which leveraged both web & mobile applications.

- Configured JMS server setup, DB connection setup & deployed Returned items in Web Sphere Server.
- Scalable data design for MongoDB and Redis , Caching in MongoDB with Redis Cache Using Spring Boot.
- Setup the Continuous Integration (CI) & Continuous Development (CD) for the application using Jenkins.
- Designed and developed highly scalable, available, fault-tolerant, highly secured, distributed infrastructure (IAAS) using 2 EC2 instances, S3, EBS, API Gateway, Restful API, Elastic Beanstalk, ECS. Experience in configuration management tools like Docker and used AWS SDK for connection to Amazon S3.
- Worked on Jenkins for continuous integration with Gradle and GitHub.
- Used Log4j for validate functionalities and JUnit for unit testing.
- Implemented Selenium WebDriver to establish an end-to-end automated testing framework, seamlessly integratingwith continuous integration tools.

Environment: Java 1.8, J2EE, HTML5, CSS3, JavaScript, jQuery, React, TypeScript, Bootstrap, Spring Boot, Spring IOC, Spring MVC, Log4j, SOAP, RESTful, Microservices Architecture, XML, AWS, Mongo DB, CI/CD, IntelliJ IDE, JUnit, JMS, Docker, UNIX, Jenkins, JIRA, Log4j, Git.

Java Developer

Nationwide Insurance, Columbus, OH   **February2017 to August 2018**

Responsibilities:

- Involved in the development of the application using J2EE.
- Implemented user and Client-Side validation using Java Script.
- Developed UI pages integrated with business layer.

- Used Singleton and DAO design patterns for implementing enterprise modules.
- Used Eclipse for the development of source code.
- Used Oracle as database and Involved in the code development for retrieving the data from interfacing auto partssystem using SQL statements.
- Used JDBC for the connection with databases.
- Integrated Maven with SVN to manage and deploy project related tags.
- Involved in all phases of SDLC for the project.
- Performed Use case design, and object modelling.
- Implemented Cassandra for efficient retrieval and updating of customer information using its scalability and high-performance features to enhance data management processes.
- Involved in daily scrum meetings, worked on the sprint tasks in the Agile Scrum development.

Environment: Core Java, JDBC, Struts, MVC, Maven, SVN, Java Script, Singleton, DAO, Eclipse, Oracle, SQL, Cassandraand Agile.

Java Developer

Leighton Contractors Pt. Ltd. Mumbai, India.   **September2014 to November 2016**

Responsibilities:

- Developed the application as per the functional requirements from the analysts.
- Developed client-side validation using JavaScript.
- Developed web screens in Html and JSP.
- Design and Development of User Interface using Struts tag libraries.
- Responsible for client-side validations and server-side validations in JSP.
- Design and Development of server-side modules using J2EE, spring, Struts, EJB and Utility classes.
- Used Web Services to extract and communicate the records using XML and REST.
- Installed and configured WebLogic in Development and Testing environment.
- Developed transaction-oriented logic in the Data Access Layer.

- Designed, developed, debugged, and tested the web based J2EE application.
- Used Log4J utility to log error, info, and debug messages.
- Configured and deployed the J2EE application on WebLogic Application Server.
- Used Transaction to persist the data in the Oracle.
- Used Apache struts to develop web-based components.
- Front end validations are written using JavaScript.
- Performed Unit Testing using JUnit.
- Provided a User Manual and User Training on the new system to ease them into the new system.

Environment: Java 1.5, J2EE, JSP, Servlets, Hibernate, Spring, Struts, PL/SQL, WebLogic Application Server, REST andSOAP Web services, UML, SVN, Log4J, Oracle, Unix.

Education

Bachelor of Technology in Information technology

July 2010 – April 2014

ANITS, Affiliated with Andhra University

Visakhapatnam, Andhra Pradesh.