Janakiram

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* Around 9 years of experience in design, development, maintenance, and support of Java/J2EE applications.
* Working knowledge in multi-tiered distributed environment, OOAD concepts, good understanding of Software Development Lifecycle (SDLC) and Service Oriented Architecture.
* Experience in developing single page applications (SPA) using React/Redux.
* Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
* Experience using Microservices to build flexible, independently deployable software systems.
* Experience in Microservices Architecture with Spring Boot and Docker.
* Strong understanding of NPM and modular application development skills building
* Experienced in business/technical requirements capturing, configuration management, team coordination and software engineering processes.
* Prior experience with Material Design / Material UI
* Experienced in web development using HTML, DHTML, XHTML, CSS, JavaScript, Node JS, Bootstrap, Angular JS, JQuery and AJAX technologies.
* Expertise in **Financial, Banking, Insurance (Voluntary Benefits) and Energy and Utilities Business** domains.
* Experienced with hands on development in various Spring components like Spring MVC, AOP, Spring IOC, Spring JDBC, Spring JPA, Spring Securities and Spring Batch, Spring Boot, Spring Microservices, and swagger APIs.
* Hands on experience on MVC frameworks such as Angular JS, Angular4+, Backbone JS, Ember JS, ReactJS etc.
* Experienced in developing Microservices with Spring Boot, Spring REST, Spring Cloud, Eureka, API-Gateway etc.
* Expertise in Object-relational mapping using Hibernate.
* Experience in using SOAP and RESTful web services.
* Expertise in developing database application using Oracle, DB2, MySQL, SQL Server.
* Strong Database (RDBMS) development experience in writing queries, functions, stored procedures, triggers, and views in Oracle, SQL, PL/SQL.
* Excellent Expertise in all phases of Software Life Cycle for Developing, maintaining and supporting the Java, J2EE **applications**.
* Command in ReactJS for creating interactive UI's using Virtual DOM, JSX, React Native concepts.
* Experience in installing, configuring, tuning Apache Tomcat 5.x/6.x, JBOSS 5.x/4.x.
* Expertise in DOM manipulation using JavaScript, jQuery and **Angular JS**.
* Experience in using version control and configuration management tools like SVN, GIT.
* Experience in working in environments using Agile (SCRUM), RUP and Test Driven development (TDD) methodologies.
* Experience in using ANT and Maven for build automation.
* Have good problem-solving skills and the ability to work collaboratively with other departments to resolve complex issues with innovative solutions.
* Monitoring the offshore work and providing technical help to the offshore team for their JIRA tickets.

**Technical Skills**

| **Languages** | Java/J2EE, C, C++, SQL, PL/SQL |
| --- | --- |
| **Web Technologies** | JSP, Servlets, JDBC, HTML and CSS |
| **Scripting Technologies** | JavaScript, jQuery |
| **Frameworks** | Spring/Spring boot, Hibernate, React/Redux, React JS |
| **SOA** | Web services (SOAP, Restful) |
| **Developer Ides** | Eclipse, Net Beans, RAD |
| **Version Control** | SVN, GIT |
| **Databases** | Oracle, MySQL. |
| **Design patterns** | Singleton, Factory, Abstract Factory, DTO, DAO, Business Delegate, Session Facade, Template, Service Locator, Dependency Injection and View Helper |
| **OS** | Linux, Windows XP, Windows 2007/8/10, Mac |
| **Containers** | Docker |

**PROFESSIONAL EXPERIENCE :**

**Client: DTCC June 2019 – Till Date**

**Java Full Stack Developer**

**Location: Jersey City NJ**

**Responsibilities:**

* Used agile software development methodology which helps to develop project plans.
* Implemented user submission GUI using React.
* Used Advanced Java 8 features like Lambda Expressions, Streams, Filters. Enhanced concurrency methods etc.
* Involved in web application development for backend system using Angular 6, Angular CLI, Webpack, HTML5, TypeScript and CSS3.
* Experience in building producer applications for KAFKA and Configuration in KAFKA
* Designed and developed asynchronous RESTful Microservices using Spring boot, Couchbase and RX Java that are consumed by other microservices with an average response time of 30 milliseconds.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Experience using Node.js for automation and leveraging NPM for package management.
* Experience as a professional software engineer React JavaScript / HTML Node Material-UI (MUI).
* Implemented the project structure based on Spring MVC pattern using Spring Boot.
* Experience in writing programs using Kafka APIs and Kafka Streams API.
* Expertise in Spring framework, including Spring **IoC/core**, Spring **DAO support**, Spring **ORM**, Spring **AOP**, Spring **Security**, Spring **MVC**, Spring **Cache**, and Spring **Integration**.
* Experience developing Node.js applications and npm modules
* Developed microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Experience with **NoSQL Redis** database.
* Expertise creating validating upstream PUSH RestAPI’s and sending data to upstream application.
* Used Angular 6 Reactive forms to implement complex forms and performed the validations using Form Builder.
* Implemented Async RestAPI’s call while consuming from upstream application.
* Developed Microservices components using Docker, Apache Camel and ActiveMQ.
* Experience and Strong knowledge in **SQL and PL/SQL** in major database systems (Oracle, MySQL, MS SQL Server).
* Worked with Behavior Driven Development process and Test Driven Development (TDD).
* Implemented inline/method level and JPA queries using Spring JPA.
* Extensive working experience in Design and Development on **Front End Technologies**: **JSTL, JSP, HTML, DHTML, JavaScript, Ajax, CSS, Bootstrap** and **XHTML.**
* Experienced in React JS and working with React Flux architecture. Used React - Router to turn application into Single Page Application.
* Setting up continuous integration using Maven and **Jenkins.**
* Designed and developed the application using agile methodology and followed Test Driven Development (TDD), Scrum.
* Used Servlets and JSP's in developing the web application on Apache Tomcat 7.
* Developed and Designed Application using Spring Boot to Develop Microservices.
* Created user-friendly GUI interface and Web pages using HTML and CSS3, Bootstrap and Angular JS.
* Divided the code in layers and services so that external service classes can be injected through Spring DI.
* Implemented Spring Security to secure the application for the DTCC service users.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Micro services been built using spring boot, Spring Cloud security and deployed to AWS cloud.
* Created Spring Scheduled Tasks for updated the daily transactions.
* Used OAuth for Rest API’s authentication from UI.
* Implemented Java JMS to trigger the email once Transaction complete DTCC bank.
* Implemented React JS Controllers to maintain each view data.
* Deploy application on JBOSS Server through Jenkins CI/CD pipeline.
* Implement Swagger in the application for generating API Documentation.
* Experience in Unit Testing, Integration Testing and in preparing test cases.
* Used JIRA to keep track of bugs to reduce downtime, increase productivity and communication.
* Used Source Tree with GIT for version control.
* Use Splunk, Postman for testing API’s.

**Environment: J**ava 8, **S**pring MVC, Angular6, Spring Boot, NPM, Microservices, **H**TML5, CSS3, Bootstrap, React, Redux, RESTful web services, ReactJS, Swagger, Web pack, Docker, Kubernetes, Splunk, JIRA.

**Client: Hertz Feb 2018 - May 2019**

**Role: Java Full Stack Developer**

**Location: Fort Myers, FL**

**Responsibilities:**

* Utilize React JS components, Forms, Events, Keys, Router, Animations, and Redux concept.
* Create and design smart Reducers and Action Creators to maintain common updated state around all the
* container components using redux.
* Experience with Source control processes & tools like Git, GitHub and NPM
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Started the front-end application with React **a**nd used state object React Class Component **f**or general stateful management.
* Developed single page applications using Angular 4, Typescript, HTML5, CSS3, and Bootstrap4 .
* Used Hibernate ORM framework as persistence engine and wrote Hibernate Queries to automate the mapping between Oracle database and Objects in Java.
* Implemented DAO pattern to fetch data from database using Hibernate to carry out various database operations and avoid redundant database access statements.
* Design application using Spring MVC, JSP, JSTL and AJAX on the presentation layer, the business layer is built using spring and the persistent layer uses Hibernate.
* Developed RESTFUL Web Services which are consumed by several clients like Mobile, Tablet, as well Web.
* Planned the front-end single page application with React.
* Designed dynamic client-side codes to build web forms and simulate process for a web application, page navigation using Angular 4.
* Used Spring AOP for solving crosscutting concerns like keeping logged data and transactions details etc.
* Developed Maven configuration files for all the existing plugins to make part of the build.
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Developed Hibernate mapping files and hibernate configuration for persisting data to the database.
* Implemented Web-Services to integrate between different applications (internal and third-party
* components) RESTful services.
* Used Core Spring framework for Annotation based Dependency injection.
* Worked on implementing React.js flux based page updates using React fetchers, state mutating actions and stores.
* Designed user interface for desktop from conceptualization and detailed user interface and functionality design using AngularJS, Kite JS, Phantom JS, ReactJS and jQuery library.
* Developed API for using AWS Lambda to manage the servers and run the code in AWS.
* Setup logging using Log4j for tracking the processes and errors.
* Used Spring Boot framework in order to package the applications.
* Developed custom Json parsers to automatically discover the projects or schemas defined in the data source.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment.
* Used Microservices to build flexible, independently deployable software systems.
* Implemented Multithread concepts in java classes to avoid deadlocking.
* Developed Stored Procedures, Triggers and Functions. Actively involved in tuning SQL queries, Stored Procedures, Triggers.
* Worked with the business analysts to gather requirements, create the JIRAS and plan the sprints
* Used JIRA to assign, track, report and audit the issues in the application.
* Used GIT to maintain the version of the files and took the responsibility to do the code merges and
* Creating new branch when new feature implementation starts.
* Cooperated with the testing team in regression testing to fix the defects during the QA phase.
* Used Log4j to capture the log that includes runtime exception and for logging info and are helpful in debugging the issues.
* Worked in a test-driven development environment, used JUnit and Mockito for backend test cases, and Karma and Jasmine for the frontend test cases.

**Environment:** Java 1.8, Spring 4.0, Spring Boot, Spring Security, Angular4, Microservices, Spring MVC, JSON, Log4j, Mockito, ReactJS, JBOSS, Maven 3.0, GitHub, JIRA, Postman, Squirrel and Junit.

**Client: Union Bank, Dec 2016 - Jan 2018**

**Role: Java Developer**

**Location: Charlotte, NC**

**Responsibilities:**

* Developed RESTful web service using Spring Framework to get customer credentials and information.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Redux concept.
* Experience using Microservices to build flexible, independently deployable software systems.
* Working on Spring MVC Framework and integrated UI with RESTful web services using JSON messages.
* Written Hibernate DAO's to interface with Oracle database.
* Used Microservices architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot.
* Created Oracle (DDL, DML scripts) and SQL statements for the effective retrieval and storage of data from the database.
* Maintained code and configuration files in Git and performed unit testing using Junit.
* Used the Node.js, Angular.js, and backbone.js MVC Frameworks in the development of the web applications.
* Created AWS Lambda using java to perform event driven processing.
* Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
* Auto-Generation of client-side code using APACHE AXIS2 with JAXB-RI binding.
* Implemented new features in Java 1.8 like Collections API improvements, Functional interfaces, and Lambda expressions etc.
* Developed the application Using Java Server Faces Ext JS tag libraries.
* Involved in development and testing core components using multi-threading.
* Involved in backend server-side coding and development using Collections including Set, List, Map, Exception Handling.
* Implemented the project using the Spring Framework (used Spring IOC and Dependency Injection, Spring MVC).
* Implemented the function to send and receive AMQP messages on Rabbit MQ synchronously and asynchronously and send JMS message to Apache Active MQ on the edge device.
* Involved in Junit, Unit testing and Log4j in developing test cases. Developing Web services based on REST and SOAP.
* Developed Maven scripts for various tasks to automate the build process and for the deployment of the application in WebSphere server by generating WAR and EAR files.
* Used Spring Core Annotations for Dependency Injection and used Apache Camel to integrate Spring framework.
* Developed stored procedures, triggers and used PL/SQL on Oracle database.
* Followed Agile Scrum Software Development Methodology in the progress of the project.
* Building project using Maven and developed JUnit test classes using Mockito for web service classes.

**Environment:** Java1.8, Spring (Spring MVC, Spring Core, Spring ORM), Multithreading, Hibernate, **M**icroservices, Spring Boot, RESTful, Gradle, Junit/Mockito, AWS, Jira, GIT, React.JS.

**Client: CMC Technology June 2013- Mar 2015**

**Role: Java Developer**

**Location: India**

**Responsibilities:**

* Involved in gathering requirements, system designing, programming, testing and implementing.
* Communication with Product team for gathering business requirements.
* Developed user interface using JSPs, HTML and CSS.
* Handled all the client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using Angular Js and JQUERY.
* Extensively used AJAX to make backend calls that return JSON response and render the web page using JQUERY.
* Worked on Multi-threading and thread pool design pattern.
* Designed and developed the Data access layer using Spring-Hibernate integration.
* Designed and implemented business logic using Spring and Hibernate frameworks.
* Implemented Hibernate DAO layer to interact with Oracle 11g database.
* Used Spring concepts like IOC/DI/AOP in various modules.
* Used HQL and SQL for fetching and storing data in databases.
* Used GIT for source repository and JIRA for bug tracking.
* Involved in writing complex SQL queries and stored procedures with data team.
* Used jQuery UI widgets to create date pickers, dropdown/select menus and tabs.
* Developed unit case testing scenarios with JUnit.

**Environment:** Java/J2EE, Multithreading, Angular Js, JQuery, Spring, Hibernate, JAX-WS, SOAP, XML, XSD, Unix, Spring JDBC, JSP, CSS, AJAX, JSON, SVN, JUnit, JIRA.

**Education Details**:

* Masters CSE (northwestern polytechnic university) 2016
* Bachelors CSE (JNTUH) - 2013