**SANDEEP REDDY**

**SR. JAVA/UI Developer**

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**Summary:**

* Over 9+ years of extensive IT experience in all phases of Software Development Life Cycle (SDLC) which includes development, design, analysis, testing and Integration of various web based and client/serverapplications in multi - platform environments with JAVA/J2EE and UI technologies.
* Expertise in design and development of various web and enterprise applications using J2EE technologies like Servlets, Struts, JSP, JDBC, EJB, JMS, XML and Web Services.
* Expertise in various components in Spring, which includes Spring JDBC, AOP, Spring MVC, Spring Batch, Spring Security and Spring Boot.
* Utilized Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Experience using Hibernate for mapping Java classes with database and using Criteria API and Hibernate QueryLanguage (HQL).
* Responsible for creating and maintaining architecture for Restful API using Spring Boot and Developed applications using Multithreading, Serialization, Externalization, Collections and Generics.
* Experience in designing, developing Single Page Web Applications (SPA), High performing and Scalable application using UI technologies/libraries such as React JS, Angular, Javascript, Material UI, AJAX, HTML and CSS.
* Hands on experience using jQuery, Node.js, Bootstrap and Angular for changing styles dynamically, creating animating effects and manipulating DOM structures.
* Strong foundation in JavaScript along with Angular 5/8 and familiarity with Angular 11.
* Create single page applications (SPA) using React JS and Angular. In depth experience n React.js nd techniques such as Redux, Axios, JSX, Form validation, HOC and react-router.
* Experienced in React.Js for creating Single page applications (SPA’s) and creating interactive UI’s using one-way data flow, React-Router, JSX, virtual DOM.
* Create responsive web for device-agnostic design principles and customized griding layout with Bootstrap, CSS3
* Experience in working with application servers and web servers such as, IBM Web Sphere and Tomcat.
* Experience in using build/deploy tools such as Jenkins, Docker and OpenShift for Continuous integration & Deployment for Microservices.
* Experience in the design and development of SOAP and RESTful web services and integrating with the existing applications
* Good experience on working with Amazon Web Services like EC2, S3 , Amazon Simple DB , Amazon RDS , Amazon Elastic Load Balancing, Amazon SQS , AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
* Experience in CSS principles to create scalable and maintainable cross browser code.
* Good experience with messaging brokers like Active MQ and RabbitMQ
* Experience in Test driven development (TDD) using unit testing frameworks such as Jasmine Protractor, Karma, Junit, QUnit and Selenium
* Working experience in Ant, Maven and Jenkins for project build/test/deployment, Log4j for logging and JUnit for unit and integration testing.
* Experience in developing applications using different IDEs like Eclipse, Visual Studio, IntelliJ and repositories like like Github, Bitbucket, SVN and etc…
* Excellent interpersonal abilities, communication skills, time management and Team skills with an intention to work hard to attain project deadlines under stressful and fast paced environments.
* Quick learner, Self-Starter, and a team player with good analytical, communication, presentation and inter-personal skills.

**Education:**

* Masters in computers and Information Systems Security, University of Cumberlands, KY
* Bachelor of Technology in Electronics and Communications Engineering at Jawaharlal Nehru Technological University, Hyderabad, India.

**Technical Skills:**

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| Programming Languages | JAVA/J2EE, Java 8, Angular (V 5, 8 & 11), React JS, Vue JS, Bootstrap, Python, jQuery, HTML5, CSS3, XML, SQL, GraphQL |
| Technologies | Spring Framework, JSP, Servlets, JDBC, SOAP UI |
| Code Editors | Eclipse, Spring Tool Suite (STS) and Visual Studio, IntelliJ |
| Web Browsers | Chrome, IE, Microsoft Edge, Fire fox Safari, developer tool bar, IE inspector |
| Operating Systems | Windows, XP, Mac OS, Linux |
| Tools | Spring, Hibernate, Struts, Spring MVC, Spring Web Flow, Spring Security, Spring Boot, Maven |
| Databases | Oracle RDBMS, AWS RDS, SQL Server, No SQL |
| Web Servers | Apache Tomcat, IBM WebSphere |
| Message Brokers | ActiveMQ, RabbitMQ, Kafka |
| Cloud services | Amazon Web Service (AWS), Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, Amazon SQS, AWS Identity and access management, AWS CloudWatch,  Microsoft Azure |

**Work Experience:**

**Verizon, Piscataway, NJ May 2018- Present**

**Role: SR. JAVA with AWS Developer**

**Responsibilities:**

* Developed the Microservices application using spring framework that leverages model view layer architecture, also configured Dependency Injection.
* Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, Javascript, JQuery, Ajax and Angular 11
* Involved in SDLC requirements gathering, analysis, design, development and testing of application developed using Agile methodology.
* Used Spring MVC framework for implementing Model-View- Controller (MVC) architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced
* Used Spring Boot for building application with Spring initializers and bootstrapping the build configuration and develop custom solutions that act upon Jenkins information in authentic time.
* Used Java8 features like stream and Lambda expressions.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Develop the front-end components using HTML5, CSS3, Bootstrap 3, Angular js and React JS
* Worked on creating Angular custom pipes to sort the history of various customers through order of date, year and month, ngFor for display of the history of customer details in tables.
* Used AngularJS services $http for consuming REST API’s and utilized postman tool to debug web API
* Had form validation like template-driven form for login page simple validations. Used React form or more complex like register validations. (Ensure email, confirm passwords matched)
* Worked in React JS for creating interactive UI using One-way data flow, Virtual DOM, JSX, React concepts.
* Update versions of React and React-Router and created API Documents
* Used Amazon Cloud watch to monitor AWS services and Amazon Cloud Watch logs to monitor application on RabbitMQ synchronously and asynchronously and send JMS messages to apache ActiveMQ
* Worked on Amazon S3 to store and retrieve media files such as Images. Created snapshots and AMIS of EC2 instance for snapshots and creating clone instances
* Created RESTful web services interface to Java-based runtime engine and account system with Jenkins .
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for runtime environment for CI/CD system to build, test and deploy
* Used Multithreading for invoking the database and also implemented complex modules which contain business logics using Collection, Reflection, and Generics API.
* Used Microservice architecture with spring boot based services interacting through a combination of Rest to build, test and deploy identity Microservices.
* Design and develop Spring Apache Kafka based Microservices to produce and consume inventory events from/to various systems.
* Created stored procedures to extract data from various data sources like Flat Files, XML Files and SQL server.
* Wrote JUNITtest cases for testing all spring service calls and SpringMVCvalidations
* Used GIT for version control tool and Spring Tool Suite (STS) for IDE.

**Environment:** Java 8 , J2EE, Spring Boot, Spring Batch, Spring MVC, Spring JDBC, Oracle 11g, Angular 11, React JS, Java script, AWS (Amazon SQS, EC2, Amazon Cloud Watch, Amazon Lambda), Docker, Kubernetes, Mongo DB, SQL Server, Bootstrap4, GIT, BITBucket, STS and Agile.

**CVS, Woonsocket, RI Feb 17 - May 2018**

**Role: SR. Java/UI Developer**

**Responsibilities:**

* Designed and developed Microservices Application based on Spring framework using MVC design patterns.
* Business logic was developed using Spring framework and Used Spring AOP and MVC for handling transactions.
* Used Spring MVC Transaction Management , Spring/Hibernate Batch Transactions, Hibernate cache concepts .
* Used Spring Data Framework to use the features of Spring JDBC and Spring ORM classes like JDBC Template and Hibernate Template to perform the database operations by connecting to Data sources available.
* Developed server side application to interact with database using springboot and hibernate
* Used Collections, abstract classes, interfaces and multithreading concepts extensively for the business logic.
* Deployment of web, enterprise java components, messaging components and multi-threading.
* Developed Core Java components to develop the transaction report. Stored the dynamic data on to Collection Objects and used the predefined methods to perform all DB related operations efficiently.
* Created and distributed messaging service using RabbitMQ to allow the backend to scale and load balance players across servers
* To convert the entire event flow as a SOA based architecture used RabbitMQ as queues
* Built Angular 5 components, UI services to consume rest services using Component based architecture provided by Angular 5.
* Developed Angular 5.0 custom directives and used Routes and  form validations in Angular.
* Involved changes to the existing web application and created new components using React JS.
* Setting up the development environment using Node.js, NPM, Grunt
* Designed and documented REST/HTTP APIs, including JSON data formats and API versioning strategy.
* Refine and iterate user experience by designing and implementing new modules and interfaces in a complex, responsive site.
* Deployed Docker engines in virtualized platforms for containerization of multiple applications
* Performed Unit Testing of Angular 5 components and services using Jasmine framework.
* Used jQuery to navigate to different pages of the application using DOM elements, and to create AJAX pages.
* Used GitHub repository to submit code changes that are in turn to review the code written by the team before they are merged to the Head Master branch before production

**Environment:** JAVA 8, J2EE, Spring Boot, Spring Batch, Hibernate, Docker, Kubernates, JQuery, Angular 5, JSP, Spring MVC, AJAX, REST, RabbitMQ, SQL Server, Eclipse, GitHub and Agile.

**Walmart, Reston , VA Jul 16 - Feb 2017**

**Role: SR. Java Developer**

**Responsibilities:**

* Used the spring framework features like Spring IOC, Spring MVC, Spring Batch.
* Developed web services component using XML, Restful and SOAP with DOM parser to transfer and transform data between applications
* Created POJO classes, spring configuration files to use dependency injection.
* Introduced the concept of rich web based user interface design with the implementation of an AJAX based JavaScript framework.
* Developed the services for auto and home policy premium derivation by interacting through EAIServices, Web Services for Quote.
* Developed Hibernate mapping file and the HQL queries for retrieving data from the Oracle database.
* Used IBM WebSphere Application Server andRAD to develop the application.
* UsedMySQL as backend Database.
* used Javadoctool parses the declaration and documentation comments in set of java source file and produce a corresponding set of HTML pages.
* Used Hibernate in data access layer to access and update information in the database.
* Involved in integrated unit testing and code review.
* Developed Junit test cases for all the developed modules.
* Implemented WSDL XML document to located and describe the Web services.
* Implemented JAXB to convert XML to java object and java object to XML.
* Debugging production issues, root cause analysis and fixing.
* Integrated different other modules with current existing reporting applications.

**Environment:** Java, Spring 3.1, Hibernate 4.0, JSF, JSP, SOAP, HTML5, Ajax, Java Script, Web Services, MySQL, WebSphere 8.5, IBM Clear case, Junit.

**United Bank, Faifax, VA Jan 2015 – Jun 2016**

**Role:** **JAVA Developer**

**Responsibilities:**

* Worked on High level and low-level system design, planning, estimation and implementation.
* Worked on development and implementation of the MVC Architectural pattern using Spring Framework including JSP, and Servlets.
* Implemented server-side components using Core Java multi-threading web services with Spring framework Spring MVC IOC caching Messaging
* Drive continuous improvement to system architecture and web services (SOAP) by refactoring old legacy code
* Worked on web services and associated business modules integration.
* Used the spring validation and Tiles Framework in the presentation layer.
* Implemented Multithreading, Concurrency, Exception Handling and Collections whenever necessary.
* Implemented Object Relational Persistence (Hibernate) for the domain model.
* Involved in design and development of the Hibernate Domain Model for the services.
* Worked on XML and JSON for transferring and retrieving data between different applications.
* Extensively using Bootstrap for layout as well as responsive design and CSS for Responsive design.
* Used to write SQL queries, Triggers, Functions for Oracle database and developed some complex SQL queries .
* Involved in Maintenance and Enhancements for the project.

**Environment**: Java, Spring, AJAX, Angular.js, jQuery, XML, SOAP, Apache Web Server, RESTful web services, Oracle, Agile.

**Hi-Gate Infosystems Pvt, Hyderabad, India Oct 2012 - Dec 2014**

**Role: Software Developer**

**Responsibilities:**

* Actively part of analysis specifications of the system requirements and involved in client interaction during requirements specifications.
* Worked on designing/developing of large, transactional, enterprise class systems.
* Followed annotation way of configuring spring to create spring beans.
* Configured Spring security with LDAP template to implement role-based authorization.
* Used Spring Framework and created the Dependency injection for the Action classes using ApplicationContext.xml
* Developing Online panels and application using EJB, Java Servlets, Session EntityBeans.
* Worked with spring dependency injection to build loosely coupled application.
* Developed JSP form bean validations by using Struts Validation framework validation.xml, validator-rules.xml and message Resources.
* Handled the database persistence using JDBC.
* Experience in creating a Simple Object Access Protocol (SOAP) request and making a WSDL call and SOAP UI is used for web services testing
* Used Hibernate for object Relational Mapping and used JPA for annotations.
* Used Criteria API and HQL for data extraction.

**Environment:** Java/J2EE, Spring 2.5, Struts 2.x, Hibernate 3.2.1, SOAP UI, JDBC, IBM WebSphere 7, Apache Tomcat 6.0, and Web Services.