**VIKRAM REDDY**

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**Java Full Stack Developer**

**Professional Summary**

* 8 years of professional experience in Information Technology **(Java and J2EE technologies).**
* Involved in all phases Analysis, Design, Development, Implementation and Testing of Software Applications development life cycle.
* Strong working experience in application development using **JDBC, Java Spark, Servlets, JSP, Java Beans, JMS, Struts, spring, Hibernate and Webservices.**
* Experience in developing web applications using technologies like **HTML, Java Script, AJAX, DOJO, JSON, CSS, JSP Tag libraries and GWT**.
* Experience in developing web-based applications using **Python, Django, PHP, Angular 14, VB, C++, XML, CSS, HTML, DHTML, JavaScript and jQuery.**
* Proficient in writing ANT, Maven builds script to automate the application build and deployment.
* Good experience in developing and updating a web page using **HTML5, CSS3, Angular, React.js, Java Script, backbone.js, and jQuery** across various browsers and thereby achieving cross browser compatibility.
* Implemented **Node.js** server-side code to interact with **MongoDB** to store & retrieve data using Mongoose drivers.
* Experienced in working with multiple databases like **Oracle, SQL Server, Cassandra, and MySQL**.
* Functional knowledge in implementation of **AWS** **Cloud** based technologies like Elastic Servers, EC2 Instance and S3.
* Experienced with **Perl**, **Shell scripting** and test automation tools like **Selenium RC, WebDriver, and Selenium Grid**.
* Developed Python Mapper and Reducer scripts and implemented them using Hadoop streaming.
* Experienced in performing Data driven testing to validate the components displayed on the website using Selenium.
* Implemented Framework for Selenium scripts using Java.
* Worked with Azure chops for cost optimization and Governance.
* Exposure to AWS and Docker.
* Highly motivated software engineer and experience in developing in web applications using **JavaScript**, **Backbone.js** and **Coffee script** technologies.
* Good knowledge in developing multi-threading applications.
* Good knowledge on **SoapUI** tool to unit testing **SOA** based applications.
* Experience in Analysis, Design using **UML**.
* Expert in implementing dynamic web applications using Application Servers like **BEA WebLogic**, **IBM WebSphere** and **Apache Tomcat** and deploying in various environments like Windows and Linux.
* Experience in working with Log4j, JUnit and developing ANT and MAVEN Scripts for enterprise applications.
* Hands on experience in using Integrated Development Environments like **Eclipse 4.2.x/ Kepler/Indigo, NetBeans, ColdFusion and RAD7.**
* Developed the iOS app using **React-Native and Redux**. Full redesigned of the Mobile App from Objective-C to Swift. Implemented server/client integration written in Kotlin, compiled to LUA.
* Experience in **RDBMS** like **Oracle, SQL Server, Netezza, MS Access, DB2/AS400 and MySQL**.
* Extensive experience with **SQLs/Stored** Procedures.
* Experience **in UNIX shell scripting, FTP/SFTP** and file management in various UNIX environments.

**TECHNICAL SKILLS:**

**Programming Languages:** Java, Java Spark, Java 8 C, C++, SQL, J2EE Technologies Servlets, JSP, JDBC, JNDI, OSGI, EJB, RMI, ASP, Python, Spark Concepts, Big Data.

**Frameworks:** Jakarta Struts, Spring, Spring MVC, JSF 2.0(Java Server Faces), Hibernate 4.0, Tiles, ibatis, Validator

**Web Technologies**: HTML, DHTML, JavaScript with jQuery, Ext JS, AJAX, CSS, CMS, Yahoo UI, ice faces API, Angular, Node.js, Backbone.js

**XML Technologies**: XML, XSLT, XSL, HTML5, DHTML, XSL / XSL-FO, JNDI, LDAP, SOAP

**Application/Web Servers:** IBM WebSphere, IBM HTTP server, WebLogic, WebLogic Portal, JBoss, jBPM, Apache Tomcat, OC4J

**Databases:** Oracle, SQL Server, MySQL, DB2, Azure chop.

**Messaging Systems**: JMS, IBM MQ-Series

**IDE Tools:** IBM WebSphere Studio Application Developer (WSAD), RSA, RAD, Eclipse RCP, JDeveloper, Net Beans.

**Big Data:** Kafka, Cassandra.

**PROFESSIONAL EXPERIENCE**

**Java Full stack developer - CVS Pharmacy, MA January 2024 to Present**

**Responsibilities**

* Developed application service components and configured beans using Spring IoC, creation of Hibernate mapping files and generation of database schema.
* Developed Restful web services using Apache Camel, Spring boot, Java Spark and configured Kibana as a visualization dashboard.
* Participated in code review and mentoring sessions and used GIT as version control and GIT Bash for GIT interactions.
* Taking advantage of the MVC pattern of the Angular 14/13 and Knockout.js framework to accomplish the single page application and produce higher maintainability of the code.
* Working on Active MQ Messaging Service for Integration.
* Used Bootstrap and Angular, React.js, and Node.js in effective web design. Created distributed Oracle coherence domains, configuration, and system design
* Familiarity with programming languages like Kotlin.
* Java Backend wif GraphQL/Java wif Strong Microservices, spring boot, AWS.
* Worked on migration Microsoft azure service to AWS service for a project.
* Writing JavaScript functions for various validation purposes. Writing Java Beans to contain data objects. Implemented session beans, entity beans and message driven beans.
* Experience in implementing MEAN Stack (Mongo DB, Express.js, Node.js, and React.js.
* Moved the project to Java 8 to extensively use Lambda expressions and have better connectivity to Cloud in addition adding Spring boot Libraries and UI Enhancement.
* Coded Java backend, JSP, Struts, JavaScript, Business classes
* Used AWS to deploy the project on EC2 instance Implementation of the Business logic layer for MongoDB Services.
* End to End Integration development from JIRA to Service Now using Restful calls using C++/ JAVA/ Groovy.
* Created a data pipeline through Kafka Connecting two different clients Applications namely SEQUENTRA and LEASE ACCELERATOR
* Developed a shell script which picks up and changes the server commands for various other scripts to identify the java 8 version.
* Converting Web form applications to use Bootstrap.js, Angular, and React.js.
* Recommended and developed strategy for integrating internal security model into new projects with Spring Security and Spring boot.
* Created RFP (Request for Proposal) microservice to provide RESTful API utilizing Spring boot with Spring MVC.
* Used JSP's HTML on front end, Servlets as Front Controllers and JavaScript for client-side validations.
* Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database.
* Involved in converting Hive/SQL queries into Spark transformations using Spark SQL, Python and Scala.
* Created a mock UI webapp in Angular 14 to demonstrate microservices and designed and developed the authenticating portal using framework Angular 14 along with HTML5, CSS3 and Type Script.
* Back-end Java developer for Data Management Platform (DMP) and building RESTful APIs in front of different types of SQL storage engines allowing other groups to quickly meet their Big Data needs
* Developed Reporting Dashboard which will generate reports and reduce manual intervention for support activities. Developed with Spring MVC, Core Java and Sybase.
* V2 API testing on the Advance REST Client and SoapUI.
* Conceptualized, designed, and implemented automated functional API test cases using SOA test, and Soap UI.
* Used Postman API to get convenient, visual display of query results.
* Used various Java APIs like Apache POI, Java Email, I Text etc. as part of test automation.
* Configured Docker containers and Kubernetes to manage dozens of micro services.
* Developed Automation Framework for Acceptance Testing using Cucumber BDD and JUnit.
* Created an End-to-End Framework for Acceptance Testing using Cucumber, JDBC, Maven, WebDriver, Java and TestNG.
* Designed, deployed, and maintained Azure chops for high-availability and scalability, optimizing performance and cost efficiency.
* Developing BDD scripts with Cucumber/Java and writing step definitions for behaviour and step definitions.
* Used selenium and cucumber for some part for automation testing as well.
* Developed Selenium WebDriver Test Automation Script for regression testing. Maintain scripts in between releases. Reproduce manually failures reported by Automation scripts.
* Implemented client-side interface using React.js, flux pattern and Redux framework for SPA.

**Environment**: Java 8, J2EE, Java Spark, Angular 14/13, XML, CSS, Spring, Hibernate, Struts, Big Data, WebLogic, and REST, jQuery, AJAX, Ext JS, JavaScript, JSP, Junit, Windows, JMS, Maven, GitHub.

**Java Full Stack Developer - First Republic Bank, New York, NY January 2020 to November 2022**

**Responsibilities**

* Involved in writing JSP and JSF components. Used JSTL Tag library (Core, Logic, Nested, Beans and Html tag lib's) to create standard dynamic web pages.
* Developed Ruby on Rails 3 web applications using MongoDB and back-ground processes using Risqué and Redis.
* Used NodeJS, ReactJS, and Backbone.JS MVC framework for developing the Single Page Application (SPA).
* Designed and developed the session module using J2EE and Java Spark for existing cold fusion application.
* Implemented build scripts using Maven and GIT technology for version control.
* Used CQL (Cassandra Query Language) to read from and write data into Cassandra database.
* Worked on NoSQL databases including HBase, Mongo DB, and Cassandra and two-way data binding.
* Good experience in creating and consuming Restful Web Services and Big Data.
* Extensive experience in setting up, configuring, and managing Azure resources, including Virtual Machines.
* Followed MVC Structure and used Angular to develop Single page Application.
* For client-side view rendering services, used ReactJS and various predefined Redux libraries
* Enhanced user experience by designing new web features using MVC Framework like Backbone.js, and node.js.
* Automated tests were coded in Java Script with Frog logic’s Squish or Smart Bear’s Test Complete for client applications and coded in Java with Selenium for web application testing.
* Developed client GUI modules using Swing, Java script and Flash.
* Used JUnit for testing the application and Maven for building Projects.
* Creation of a Tasty pie like module for Node.js - REST APIs design.
* Working on Struts Framework for developing the front-end application and extensively. Spring as middle tier for entire application.
* Wrote PL/SQL statements according to the need using Oracle 10g database.
* Working on an internal web-based client server application built with Struts 2 Framework using Oracle backend Database, working on establishing the relation for the different beans using the Hibernate.

**Environment**: Java, Java Spark, Struts Framework, Oracle, HTML, PL/SQL, JDBC, Stored procedures, Web Logic Application Server, Hibernate, Ant, JAX -WS Web Services, WSDL, EJB.

**Java developer - Yana Software Private Limited Hyderabad, India July 2017 to December 2019**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Created Hibernate XML files and Java class files to map the object relation Mappings.
* Developing front end of application using HTML, CSS, backbone.js, JavaScript, jQuery and developed UI using Angular.js and Node.js.
* Extensive experience in producing/consuming Rest based web services using JAX-RS, Jersey providers.
* Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets, EJB, Form Bean and Action classes.
* Developed web services in Java. Experienced with SOAP/WSDL. Have also designed and developed REST interfaces in Java.
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Developed Web services (SOAP) through WSDL in Apache Axis to interact with other components.
* Integrated Spring DAO for data access using Hibernate used HQL and SQL for querying databases.
* Used parsers like SAX and DOM for parsing xml documents and used XML transformations using XSLT.
* Wrote stored procedures, triggers, and cursors using Oracle PL/SQL.

**Environment**: Java, JSP, JDBC, Struts, Hibernate, Design Patterns, XML, PL/SQL Developer, WebLogic, Apache Axis, ANT, Clear case, JUnit, Web services, SOAP, XSLT, Jira.

**Java Developer - Couth Infotech Pvt. Ltd, Hyderabad, India August 2015 to June 2017**

**Responsibilities:**

* Involved in phases of SDLC of the project and itis including the design, Agile software development, installations, integrations and testing to complete the requirements.
* Interacted with the business requirements, analyze, design the system used various UML diagrams.
* Used HTML, JSP, JSTL tag libraries and struts tiles to develop the presentation tier.
* XML code is used to transfer the application data between client and server. In server-side, Servlets is used to construct and parse the data in XML format and in client-side Java is used.
* Involved coding SQL Queries, Stored Procedures and Triggers.
* Developed the application using Core Java concepts like Multi-Threading, Swing, Spring, Structs, and worked on new features of java 1.5 such as Enum, Annotations.
* Developed JSP's, Action classes and EJBs for user transactions.
* Used J2EE Design patterns and Data Access Object (DAO) in the integration tier layer of the project.
* Used JDBC in the Enterprise Java Beans to access the Oracle Database
* Database Development includes PL/SQL stored procedures, views, indexes, triggers, and constraints are used to reduce the response time in the application.

**Environment**: Agile, Java, J2EE, Struts, EJB, JSP, JSTL, Swing, Enum, JDBC, DAO, Windows, SQL Server 2005, PL/SQL, XML, Web Service, JDBC, JavaScript, ANT.

**Education**:

* Master of Science in Computer Science, Webster University. **May - 2024**
* Bachelor of Technology in Computer Science, Delhi University. **May - 2015**