**Praveen Reddy**

**Full Stack Java Developer**

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**Professional Summary:**

* Over 7+ **years** of experience in development and management of Software applications as Java developer in, **Banking/Financial** &**Insurance** domain.
* Extensive experience in executing all phases of software development lifecycle (SDLC) including requirements gathering, design, development, testing, implementation, and postproduction support.
* Having experience in implementing GraphQL to query an API.
* Experience in developing applications using **Core Java, J2EE, JSP, Servlets, Struts, SpringMVC, Spring Boot, Hibernate, Web Services (SOAP, REST), JAX-RS, JAX-WS, JMS, JDBC, XML**.
* Implemented various J2EE design patterns like **Singleton, Factory, Abstract Factory pattern.**
* Worked in Spring Reactive Programming, to access API’s.
* Strong front-end UI development skills using scripting languages like **HTML5**, **CSS3**, **JavaScript**, **jQuery, XML, XML parsers** and **Bootstrap**.
* Experience with Spring Boot using Micro Services.
* Having **Jenkins** experience in giving **build** and **deployment** activities.
* Used **Kibana** to trace and debug workflow activities.
* Having Good understanding on **Redis** implementation.
* Having experience in developing **Splunk Dashboards** and searches.
* Hands on experience with build tools like **ANT, Maven, Jenkins, and logging tools like Log4J.**
* Good Understanding of Document Object Model (DOM) and DOM Functions.
* Experience in Micro Services using **Spring Boot** and **REST API**.
* Experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Angular 4/6/8 modules, services, templates, directives, pipes, services, and dependency injection to create a SPA.
* Development experience on **Angular CLI**.
* Good exposure to IDE tools like **Eclipse**, **STS**, **RAD, IntelliJ** and **NetBeans**, **VSC**.
* Experience in using version control and configuration management tools like **GitLab**, **SVN**, **CVS**.
* Reporting several bugs, CRs and service requests using **QC** and **JIRA**.
* Implemented unit testing using **JUNIT5, TestNG and Mockito** frameworks.
* Experience in frameworks like **TDD, BDD and Agile Scrum** methodologies.
* Experience with **CI/CD** Tools like **Jenkins, Bamboo.**
* Involved in **releases** and **Load testing** of the application.
* Experience in all stages of testing namely Functional testing, Performance testing, Integration testing, Regression testing and User Acceptance testing.

**Education:**

* Bachelor’s in **Electronics and communication Engineering** from JNTU, India.
* Master’s in **Computer Technology** from Eastern Illinois University.

**+Technical Skills:**

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| **Skill Profile** | JAVA/J2EE, Java 8, Angular 4/6/8, Pl/SQL, Splunk. |
| **IDE Tools** | Eclipse, STS, IntelliJ, NetBeans, and IBM RAD 6.0/7.0, VSC. |
| **Web Technologies** | JSON, Angular 4/6/8, Bootstrap, HTML5, CSS3, JavaScript, ReactJS, jQuery. |
| **Frameworks** | Spring, Spring Boot, Spring Integration 3.x, JSF, Struts. |
| **RDBMS** | Oracle SQL Developer (4.2), |
| **XML Technologies:** | XML, DTD, XSD, JAXB SAX, DOM. |
| **Application Server** | Tomcat 8.5, JBoss7.x, Apache, IBM WebSphere 6.0/6.1/8.0 |
| **Test, build and log Tools** | JUnit, Log4j, slf4j, Mockito, Jasmine. |
| **Web Services** | SOAP & REST Web Services |
| **ORM Technologies** | Spring JPA, Hibernate |

**Client: American Express, Phoenix, AZ Apr 21 - Present**

**Full Stack Java Developer**

**Responsibilities**:

**Micro Services and Spring boot Applications:**

* Implemented the project as a multi-tier application using Spring MVC, Spring boot, Micro /services& used core Spring concepts like AOP, IOC
* Worked on server-side implementation using spring core, spring annotations navigation from presentation to other layers using Spring MVC and integrated spring with Hibernate using Hibernate template to implement persistent layer.
* Implemented Spring JMS message container listener to retrieve log objects from queue and send different destinations.
* Designed and developed the data modeling using JPA-Hibernate and designed API with spring implemented Spring Cache.
* Implemented REST services by Golang with microservices architecture.
* Experience in making the devops pipelines using Openshift and Kubernetes for the Microservices Architecture.
* Developed end to end data processing pipelines that begin with receiving data using distributed messaging systems **Kafka** through persistence of data into HBase.
* Good Knowledge on working with **OAUTH2.0** to provide authentication and authorization to Rest services by exchanging Access tokens.
* Developed Camel routes using **Scala** DSL and developed custom message converters.
* Worked on Spring Reactive Programming as part of SOE framework.

**Development:**

* Expertise in Core Java with strong understanding and working knowledge of Object-Oriented Concepts like Collections, Multi-Threading, Concurrency framework.
* Used Streams and Lambda expressions available as part of **Java 8**to store and process the data.
* Implemented design patterns like Data Access Objects and Value Objects/Data Transfer Objects (DTO) to transfer data between different tiers of the application to decrease the network traffic when invoking remote objects.
* Extensively used **Java 8**features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Experience in implementing GraphQL for a couple of apis.

**Front End:**

* Implemented UI using Angular 7, Java Script, jQuery, ReactJS, HTML5 & CSS3.
* Experience in writing the HTTP RESTful Web services and SOAP API's in Golang.
* Worked with single page application framework Angular 7 extensively using routing, services, views, and directives.

**Web Services:**

* Developed several web services using AXIS 2.0 engine, SOAP UI, JAX-RPC, WSDL, Document literal.
* Generated the WSDL files to implement the Web Service.
* Developed RESTful web service using spring and JAX-RS for retrieving data from server and internal communication.

**Testing:**

* Implemented TDD design approach using Junit, TestNG and JMockito.
* Involved in pre-testing the Web-Service calls with Postman.

**AWS Cloud:**

* Worked with AWS services like EC2 and elastic bean stack to create new environments as needed
* Developed code using AWS SDK to interact with S3 service to store and retrieve documents.
* Migrated existing on-premise infrastructure into cloud using Azure and its associated Services.
* Used SQL Azure extensively for database needs in various applications.
* Experience in automated deployment tool such as service **Kubernetes** which is used to deploy quickly and predictably.

**CI/CD Pipeline:**

* Used Jenkins for continuous integration, GitHub for version management & Maven for building the application.
* Experience in Jenkins build and deployment activities.
* Implemented the project using Agile-scrum Methodologies

**Production Support**

* Resolved production issues while deploying the application and provided the production support while the application is in UAT.
* Developed stored procedures, functions, triggers, and sequences.
* Involved in performance tuning of application and environment for optimized performance during month end load using JProfiler.

**Environment:** Java 1.8,Spring Boot, Spring 5 reactive Programming, GraphQL, Redis, Multi-Threading, React, HTML5, CSS3, JavaScript, PCF, AWS, JSON, Maven 3.0, REST API, JDBC, Kafka, Kubernetes, Jenkins, Mongodb, Apache Tomcat 8.5, GitLab, Eclipse IDE, Junit, Linux, Kibana, Splunk, JRebel.

**Client: Five9, San Ramon, CA Jan 20 – Mar 21**

**Full Stack Java Developer**

**Responsibilities**:

**Microservices and spring applications:**

* Developed the backend application using **Spring Frameworks like Spring Core, Spring MVC, Spring AOP, Spring Security and Spring Hibernate**.
* Integrated database with **Spring Hibernate.**
* Implemented **Spring Boot and REST API** for developing micro services.
* Involved in creating Jersey filters, interceptors and exception mappers.
* Implemented **JMS** using Spring JMS module to communicate with queues.
* Implemented complex java logic as **Camunda** listener classes to handle and store business logic and validation.
* Experience in handling messaging services using **Apache Kafka**.
* 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.
* Integrated configured Camel with **ActiveMQ** to use it as bus.
* Worked with **RabbitMQ** and **AMQP** Java APIs for Queues to build the application as SOA platform.
* Worked with reactive programming for java script using RxJS.
* Used **EJB 3.0** and **JPA** to display values from **DB2** database on screen and to fix lots of **bugs** and **enhancements** for screen.

**Database:**

* Wrote Stored Procedures and complex queries in **Oracle 12c** database.

**Development:**

* Involved in Requirements gathering, Designing, Coding, Unit testing and Integration Testing phases of the project.
* Core Java with **Concurrent API** is used extensively for parallel processing and chunk processing.
* Extensively used **Java 8**features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Developed **Spring Batch** processing java application to read different file formats which feeds to the database.
* Used **ANT**, **Maven**and**Gradle** scripts for building and deploying the application in web/App servers.
* Experience in working with GraphQL queries and use Apollo GraphQL library.
* Experience in building APIs with declarative interfaces such as Swagger/**OpenAPI** and **GraphQL**.

**Front End:**

* Responsible for design and development of UI screens for the application using HTML5, JavaScript, Typescript, CSS3, Angular 6, jQuery.
* Designed and developed the **User Interface** using **JavaScript**, **AngularJS, React Js**
* Enhanced user experience by designing new web features using MVC Framework like **Node JS**.

**Web Services:**

* Implemented **RESTful web services** using **Spring REST** to make rest calls from client to server.
* Involved in writing application level code to interact with API’s using webservices AJAX, JSON, XML

**Testing:**

* Developed test cases using **TestNG** and created stubs using JMockito framework.
* Involved in developing of test procedures for **unit testing**and testing of the module
* Involved in Unit Testing using **JUnit** and Integration of **Use Cases.**

**AWS Cloud**

* Deployed applications on Azure by using AppDynamics.
* Using Azure Functions to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* Deployed Spring Boot based micro services Docker container using Amazon EC2 container services and using AWS admin console.

**Production support:**

* Involved in production support for resolving user problems.
* Served as POC for on call support in the production team on a rotation basis.
* Provided the technical assistance to resolve Issues identified in **production** and demonstrate appropriate solution to the end users.

**CI/CD:**

* Used **Jenkins** as CI/CD tool.
* Created builds using **Maven** and pulled the project code from GitHub repositories.
* Implemented the project in Agile Scrum methodology & participated actively in daily stand up calls and scrum ceremonies.
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins**and **GitHub**
* Deployed in Linux environment and used Tomcat as application server, UNIX shell scripts for data migration and batch processing.

**Environment:** Java 1.8, Multi-Threading, HTML5, CSS3, JavaScript, Angular6, React Js, Node Js, jQuery 2.0,GraphQL, JSON, Maven 3.0, Spring Boot 2.0, REST API, Jersey, JPA, Kafka, RabbitMQ, Shell Scripting, JDBC, EJB, Jenkins, Camunda, Mongodb, Camel, Docker, Apache vertex 8, GIT, Eclipse IDE, Junit, Linux, AWS EC2 AWS S3, Windows.

**Client: American Family Insurance, Madison, WI** **Feb 2019 – Dec 2019**

**Full Stack Java developer**

**Responsibilities**:

**Micro Services and Spring boot Applications:**

* Experience working in an Agile development environment
* Used Spring application context, annotations, aspects, MVC mappings to implement controller and business layer.
* Used Hibernate, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Used Spring Model View Controller (MVC) architecture.
* Implemented and used Restful Service with the help of Jersey API.
* Designed XML formatted output response using JAX-B and annotations parser for data retrieval.
* Used various concepts such as, Exception Handling, Collection APIs to implement various features and enhancements.
* Used Eclipse IDE for code development and management.
* Wrote Code to interact with back-end JAVA, AJAX, JSON.
* Service Oriented Architecture (SOA) is implemented using SOAP & Restful Web services.
* Designed the front-end using HTML 5, CSS 3, JSP and JavaScript.
* Strong web development skills using **Node Js**
* Used Junit, Mockito framework for unit testing of application and Log4j to capture the log that includes runtime exceptions.
* Developed Hibernate entity POJO's based on Database Schema.
* Developed dashboards and reports for all the existing applications to provide a high-level overview of the Application Health.
* Involved in building Jenkins Jobs.
* Used MAVEN as a build tool.

**Production support:**

* Developed stored procedures, functions, triggers, and sequences.
* Provided the technical assistance to resolve Issues identified in **production** and demonstrate appropriate solution to the end users.
* Fixed defects Identified in Production/ QA environments, defects were tracked in **Jira** tracking Portal.

**CI/CD Pipeline:**

* Used Jenkins for continuous integration, GitHub for version management & Maven for building the application.
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins**and **GitHub**
* Experience in Jenkins build and deployment activities.

**Testing:**

* Implemented TDD design approach using Junit, TestNG and JMockito.
* Involved in Unit Testing using **JUnit** and Integration of **Use Cases.**
* Involved in pre-testing the Web-Service calls with Postman.

**Environment:** Java1.7, J2EE, HTML5, CSS3, jQuery, Bootstrap, JavaScript, Angular Js, Node JS, Spring MVC, Spring Boot, AWS, Jersey, XML, GIT, Restful, Log4J, Oracle 12G.

**Client: Skill Soft, Hyderabad, India Jan 2015 – Sept 2018**

**Java/J2EE Developer**

**Responsibilities:**

* Application is developed in Chordiant Framework, it is a Customer Relationship Management widely used across Banking projects.
* Used JSF core, HTML and JSTL Tags to develop UI components using MVC architecture.
* Very well trained in JSF –Chordiant framework.
* Developed application based on Localization.
* Developed BPD to create the workflow.
* Involved in defect resolution during the SIT and UAT Support.
* Developed test Cases, Unit Test Plans for the Owned Use cases.
* Developed build and deployment scripts using **Apache** **ANT** to customize **WAR, EAR** and **EJB** jar files
* Extensively involved in making the application compatible to blind as per ADA specifications defined.
* Trained team on Windows EYE software, it is used with the application to achieve ADA compatibility.
* Build archive file deployed the projects into various environments by using TIBCO Administrator.
* Used TIBCO services to get the Data from the Backend (IBS).
* Maintain, test, and execute disaster recovery procedures for TIBCO environment.
* Proactively involved in organizational activities such as external reviewer and solution provider.
* To Speed up existing Applications used Cache services using **Redis Cache, Gemfire.**

**Environment:** JAVA, EJB, JSF Framework, Chordiant, Eclipse, JavaScript, SQL, XML, JSTL, Redis Cache, Face lets, JDBC, AJAX, WebSphere, HTML 5, CSS, JUnit, Maven, Servlets.

**Client: Mobile One, Hyderabad, India OCT 2014 –Dec 2014**

**Java/J2EE Developer**

**Responsibilities:**

* Enhancing the application by implementing new functionality according to the business requirements specified.
* Involved in Requirement analysis, Design, Review and Deployment.
* Involved in writing struts action classes and DAO classes.
* Identified and fixed issues due to incorrect exception handling.
* Developed and updated stored procedures and SQL statements.
* Extensively worked on user interface using JSP, HTML, CSS, and JavaScript.
* Developed Test cases using JUnit tool.
* Involved in direct interaction with the Client on requirement analysis and approach.
* Handled product life cycle and live support.
* Developed **EJB**components encapsulating the business logic
* Responsible for application deployment using Jenkins or manual in all the environments and acting as a deployment manager.

**Environment:** JAVA, EJB, MVC, Struts, Servlets, Welogic jQuery, JBoss, SQL, XML, JUnit.