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**Sr. Java Full Stack Developer**

**Background Summary:**

* Around **8+ years** of IT Professional experience in all phases of software development life cycle to requirements gathering Analysis, Design, Development, Testing, Maintenance and Implementation of Enterprise, Web and Client Server applications using JAVA/J2EE technologies in Banking, Insurance, HealthCare, E - Commerce, Retail Domains.
* Professional experience in using core Technologies **Java/J2EE, Servlets, JSP, JDBC, JavaBeans, Hibernate, Java Message Service, Spring Boot, Struts, JavaScript, HTML, XML, Web services, AngularJS, Bootstrap, jQuery**.
* Expertise in Spring Framework like Spring Core, Spring Security, Spring Boot, Spring Batch and Spring Cloud.
* 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 working with **Struts** framework, **Hibernate**, and **MVC** architecture.
* Excellent design and programming skillsin **Java/J2EE, JavaScript, Struts, Spring, AngularJS, Node.js Java Mail, EJB, Web services, JSP, JDBC, XML, XSD, XSLT, RMI, XML Parsers (DOM and SAX), JAXP, JAXB, Maven, Log4j, Junit, Power Mockito, Java Beans, JNDI, SQL, PL/SQL, Oracle, Tomcat, JBoss, Sybase.**
* Worked on Hibernate for mapping the java objects to relational database and SQL queries to fetch the data, insert and update the data from the database.
* Implementation knowledge in general object-oriented design principles and concepts including Design patterns like Singleton, Strategy, Factory, Template, State, Builder, bridge, adapter patterns.
* Expertise with using **Oracle**, **SQL Server**, **MySQL** databases and writing SQL and PL/SQL queries.
* Experience in using Web/Application servers like **Oracle** **WebLogic, JBoss, Glassfish and Tomcat**.
* Well experienced in functional and technical systems analysis & design, system architectural design, presentation, process interfaces design, process flow design, and system impact analysis and design documentation and presentation.
* Experience in web client technologies including HTML5, CSS3, AJAX, AngularJS, XML, JavaScript JSON, XSLT, JAX-RS, JAXB and Java web services using REST and SOAP API.
* Extensive development Knowledge in MEAN stack, including MongoDB, Express, AngularJS and Node.js for quick building Single Page Application (SPA) website.
* Proficient in JSON, XML technologies XSD, DTD, XSL, XPATH, XSLT, SOAP web services, RESTful Web Services.
* Experience in using Spark Streaming with Kafka for real-time processing.
* Extensively used TypeScript, AJAX, JSON, and XML to link clients to server back-end applications.
* Involved in developing SQL queries for Oracle 11g -12c, Microsoft SQL Server 2014, MySQL 5.1, and good knowledge on NoSQL Database like **DynamoDB**, **MongoDB**, **Cassandra**.
* Experience using the containerization tool Docker.
* Proficient in using logging libraries like Apache Commons Logging, slf4j 1.7 and **Log4j** 2.10.
* Experience in implementation of the product version control and CI/CD pipeline systems mainly Jenkins 2.0, Apache Subversion 1.8, and Git.
* Involved in Unit Testing using tools Junit 4, TestNG and front-end testing using Protractor and Jasmine.
* Experience in working under Test Driven Development (TDD) and Behavior-driven development (BDD) methodologies for automation Testing.
* Hands on experience using JIRA, Bugzilla for Agile task management, bugs reporting, tracking and bug life cycle.
* Experience in working on **MVC** pattern using AngularJS, creating user interface and single page web application.
* Experience in JVM Performance Tuning: Garbage Collector and Heap Analysis, Thread dumps, Heap dumps, Memory Leaks, Connection Leaks, Core Dump, Profiling, Refactoring.
* Extensive knowledge in database transactions management for database related changes by integrating **JDBC**, **Hibernate** with **spring boot**.
* Experience with Data structures & Algorithms like Stack, Queue, Linked List, Linear - search, bubble-sort, and binary-search algorithms etc.
* Experience in UNIX/Linux shell scripts for data-driven automatic processing.
* Experience in using Jenkins for Continuous Integration and Sonar jobs for java code quality.
* Experience in writing **ANT, Maven** build scripts, providing logging facility using Log4j, Writing JUnit test cases.
* Proficient in writing Selenium Web Driver automation scripts in JAVA using Maven, Cucumber and Test NG Automation Testing for Web Applications.
* Expertise in working under Agile Scrum and Waterfall development methodologies.
* Excellent team player, quick learner and self-starter with effective communication, motivation and organizational skills combined with attention to details and business process improvements.
* Self-motivated, easily adaptable to new environments and able work independently or in a team.

**Technical Skills:**

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| **Programming Languages** | C, C++, JAVA 1.6/1.7/1.8, PL/SQL, SQL, J2EE, PL/SQL |
| **Core Java/J2EE Technologies** | Java1.8, JSP, Servlets, JDBC, JSTL, Custom tags, EJB, JavaBeans, JNDI, RMI, EJB Session Beans, Entity Beans, JMS. |
| **Java/J2EE Technologies** | Servlets, Spring, EJB, JPA, JTA, JDBC, JSP, Thyme leaf, JSTL, Java 1.8 |
| **Frameworks** | Struts 2.0/1.0, Hibernate 4.x/3.x, Spring 3.0, Spring Boot, Spring Batch, Spring Security, Spring AOP, Spring Core, JSF, iBATIS, Spring IOC, Log4J |
| **Web Technologies** | HTML, HTML5, DHTML, CSS/CSS3, JavaScript, AJAX, jQuery, Typescript, Bootstrap, XML, XSL, XSLT, XHTML, JSON. |
| **JavaScript Frameworks** | Angular JS, Angular 2+, jQuery, Node.js, Backbone.js, React.js, Express.js, Ember.js, Handlebars.JS, Bootstrap |
| **Database** | SQL Server, My SQL, Oracle, Mongo DB, DB2, Cassandra |
| **Cloud Technologies** | Amazon EC2, S3, Lambda,simple DB, Step Function, AppSync, Elastic Load Balancing, SQS, EBS, CloudWatch, Cloud front, EKS and PCF. |
| **Web Services** | XSD, WSDL, Apache Axis, SOAP, Restful, GraphQL, JAX RS, JAX WS |
| **Messaging** | JMS (Java Message Service), IBM MQ, Apache Active MQ, Apache Kafka |
| **Web Servers** | Oracle Web Logic 10.x/9.x, IBM Web Sphere 8.x/6.x,MuleSoft API Platform, Apache Tomcat 8.0/7.x/6.x |
| **Application Servers** | Apache Tomcat, Web Logic, Mule ESB,IBM Web Sphere, JBoss |
| **Methodologies** | Agile, Waterfall, OOAD, SCRUM |
| **Testing Tools** | JUnit, Mockito, Jasmine, Test NG, Selenium , Jenkins |
| **Integration** | Jenkins, Bamboo |
| **Version Control** | SVN, CVS, GIT,GITLAB |
| **Build Tools** | Maven, Gradle, ANT, Apache |
| **IDEs** | Eclipse IDE, RAD 6.0/7.0, IntelliJ IDEA, Spring Tool Suite (STS) |
| **Operating Systems** | Windows, Linux and UNIX |
| **Software** | Visual Studio, Rational Rose and Microsoft Office, AppDynamics |

**Professional Experience:**

**Express Scripts, Remote March 2022 - Present**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Implemented Agile (Scrum) Methodology that includes daily scrum meeting with the team, sprint planning and estimating the tasks for the user stories.
* Involved in analyzing microservices architecture challenges, design analysis, development of the user stories, assigning tasks, testing the application.
* Implemented microservices using Spring Boot, spring-based microservices, enabled discovery by server.
* Actively manage the day -to-day AWS accounts, make recommendations on how about best to support our global infrastructure and interact with Developers and Architect in cross functional areas.
* Work with Security division to design and manage IAM roles for users, vendors, and other third-party vendors.
* Used Kibana Dashboards for the Application Monitoring and to retrieve the Concise and Console Logs.
* Involved in creating and Deployment of REST API and Micro Services in Java J2EE using Spring Boot.
* Developed service components which are exposed as Web Services using RESTful Web Services, developed service components to consume Web Services.
* Created Restful Web service for updating customer data from sent from external systems.
* Implemented Java 8 features like Collections, lambda expressions, parallel streams, and functional interfaces.
* Participate in the creation of the overall AWS multi-year road map.
* Hands on experience with AWS CLI interface.
* Estimating AWS usage costs and identifying operational cost control mechanisms.
* Used Spring framework for the MVC implementation with spring for Dependency Injection and Hibernate as an ORM tool for database communication.
* Writing several complex SQL queries and Stored Procedures using Hibernate as the ORM Framework to interact with Oracle Database and perform transactions.
* Developed Angular8 services to make Restful API calls using Http and resource services to post and get data in JSON format.
* Used Spring Cloud Config server to load the properties dynamically, Spring Eureka service registration and discovery client for maintaining instances and use a ribbon load balancer to balance the load between multiple instances of the same service.
* Good knowledge of providing authentication and authorization for web services using OIDC (Open ID Connect) on top of OAuth 2.0.
* Involved in designing User Interface (UI) applications and professional web applications using JavaScript, Angular 8, Bootstrap, jQuery, HTML, CSS, DOM, XHTML, JSON, and AJAX,
* Developed applications in Java-based UI within Angular 6 framework and Node.js, integrated with TypeScript.
* Built different modules, controllers, templates, custom filters, and directives in Angular 6.
* Implemented different validation control on the webpages using Angular 8 and developing a cross-platform application.
* Wrote SQL statements to store and retrieve data from Oracle, used Oracle JDBC for database connectivity.
* Involved in the Database design like creating tables with constraints and writing SQL queries, Views, and functions on Oracle database using TOAD.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup and used Spark API to generate Pair RDD using Java programming.
* Developed Unit and Functional Test Cases using JUnit while following Test-Driven Development (TDD) approach.
* Used automating functional and regression testing through Protractor, for the End-to-end testing framework for Angular8 application.
* In-depth experience in API testing (REST) of web services using Rest Assured, Postman, while scenarios integrating with the Cucumber scenario.
* Tested REST web services using SoapUI, Advanced Rest Client and Postman.
* Worked on AWS services to deploy static websites and dynamic Web Apps on EC2 using Elastic Beanstalk and Elastic Container Service-Docker. Designed and developed Micro Services business components using Spring Boot.
* Worked as part of the Microservices team to develop and deliver Maven projects to deploy on Jenkins CI/CD and having experience in managing the Docker containers in Kubernetes.
* Performed GitHub bash and Terminal commands to clone, fetch, merge, pull, and push the code.
* Involved in day-to-day handling of JIRA issues (production issues at the time) that involved data inconsistencies that required to be solved in very less time.
* Used Apache Maven as a Build tool, to automate the build process and deployment of the application and debugging through logging frameworks like log4j.

**Environment:** JAVA/J2EE, Microservices, Spring Boot, NodeJS, RESTful, Hibernate, JSON, Spring Cloud, OAuth2.0, Angular, HTML, CSS, JS, Bootstrap, SQL DB, Oracle, Apache Kafka, Junit, Mockito, Cucumber, Protractor, Jenkins, AWS, Git, SonarQube, Maven, Log4j, Jira.

**Verizon, Remote July 2020 – Feb 2022**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application using AGILE methodology.
* Developed frontend components and services with AngularJS and ReactJS.
* Decoupled the past version by using Frontend technologies like XML, HTML, CSS, JavaScript, and AngularJS.
* Built centralized logging to enable better debugging using Elastic Search Logstash and Kibana.
* Implemented a security module in Angular JS which integrated with the spring security in the backend with the authorization and authentication.
* As part of Payer Engine implementation, developed multiple loaders to persist data from multiple patient medication history sources. Used java multithreading infrastructure to load data concurrently for performance enhancement.
* Part of restful URL design for platform services. Used Spring MVC to create endpoints for service URLs. Defined XSD for service payloads.
* Designed and developed Restful web services using Spring Boot for customer-based applications.
* Worked on generating the web services classes by using RESTful web services with JSON.
* Used Spring MVC and Spring JDBC template for Object-Relational-Mapping (ORM) from the database and creating POJO’s.
* Worked on Microservices Architecture using Kubernetes to orchestrate the deployment, scaling and management of Docker Containers and Created private cloud using Kubernetes that supports DEV, TEST environments.
* Used Apache Kafka for building the real time data pipelines and storing the data in a distributed cluster.
* Created the Topics in Apache Kafka and used spring encryption (AES) for password encryption and decryption in Cassandra connection classes.
* Used SQL as a language and converted SQL queries for CRUD operations (Create, Read, Update and Deploy).
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, VPC, Auto scaling groups.
* Using Selenium created automated test cases for testing purposes.
* Incorporated logging using Spring AOP and log4j.
* Migrated applications to the AWS cloud Environment.
* Created tagging standards for proper identification and ownership of EC2 instances and other AWS resources.
* Used GIT for version control management between various integration and development streams.
* Responsible for building/deploying consistently repeatable build/deployments to company production and non-production environments using MAVEN and integrated with JENKINS.

**Environment:** Spring boot, Spring MVC, Spring Security, JavaScript, WebSphere, ReactJS, Angular JS, Spring AOP, Hibernate, XML, Oracle 10g, H2, Eclipse 3.x, JDK 1.7, Oracle SQL developer 3.1, Agile, Maven, TDD, Selenium, Tomcat 8, Windows 7, log4j, AWS, Kubernetes, Docker.

**Phenom, Pittsburgh, PA Oct 2018 – Jun 2020**

**Role: Sr Java/J2EE Developer**

**Responsibilities:**

* Involved in various SDLC phases like Requirement gathering, Design, Analysis and Code development and the project was developed using Agile based SCRUM Methodology.
* Implemented Struts Framework and Hibernate in the new version of the Application.
* Involved in coding for the presentation layer using Struts Framework and JavaScript.
* Used Web services (SOAP, Rest) for transmission of large blocks of XML data over HTTP.
* Used XML Web Services using SOAP protocol to transfer the amount to other application that is remote and global to different financial institutions. Used SoapUI for web service testing.
* Extensively used Core Java such as Multi-Threading, Exceptions, and Collections.
* Extensively used Java Collections APIs & Multi-threading in handling batch service requests.
* Used EJB Stateless/Stateful session beans to implement business logic, session handling, and transaction and • deployed Enterprise Java Beans both Session and Entity on WebSphere Application Server
* Implement modules into NodeJS to integrate with designs and requirements.
* Developed real time tracking of class schedules using NodeJS (socket.io based on socket technology, Express JS framework).
* Taken care of java multi-Threading in common java classes/library.
* Extensively used Java Scripts to enforce client-side validations and used jQuery for Ajax processing.
* Involved in development/ maintenance of various web services using IBM WebSphere to interact with other Applications.
* Wrote various select/update/insert SQL queries and stored procedures for SQL Server.
* Involved in unit testing, troubleshooting, and debugging. Modifying existing programs with enhancements.
* Involved in fixing bugs the bugs or defects in the application.
* Developed the UNIX shell scripts to automate jobs.
* Developed Entity Beans as Bean Managed Persistence Entity Beans and used JDBC to connect to backend Database DB2.
* Worked as the part of a core team to monitor and enhance the performance of the application.
* Involved in design of JSP's and Servlets for navigation among the modules and designed cascading style sheets, XSLT, and XML part of Order entry.
* Hosted the application on WebSphere and used Maven as the build automation tool.

**Environment:** Java 6.0, Jakarta Struts Framework 2.0, Hibernate 3.0, EJB, SOAP, Web Services, CSS, NodeJS, eclipse IBM WebSphere Application Server 7.0, JUnit, UNIX, JavaScript, AWS, Servlets, JSP, JDBC, jQuery, DB2, XML, XSLT.

**Gamma Process Hub India Ltd, Hyderabad, India Jan 2015 – Sep 2018**

**Role: Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed a prototype of the application and demonstrated to business users to verify the application functionality.
* Developing front end of application using HTML, CSS, backbone.js, JavaScript, jQuery.
* Design, develop and implement MVC Pattern based Keyword Driven automation testing framework utilizing Java, JUnit, and Selenium WebDriver.
* Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
* Used Angular js framework where data from backend is stored in model and populated it to UI.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets, EJB, Form Bean and Action classes.
* Hands on experience with MVC JavaScript frameworks such as Backbone.js, Angular.js and Node.js.
* Implemented server-side tasks using Servlets and XML.
* Helped developed page templates using Struts Tiles framework.
* Implemented Struts Validation Framework for Server-side validation.
* Developed JSP's with Custom Tag Libraries for control of the business processes in the middle-tier and was involved in their integration.
* Implemented Struts Action classes using Struts controller component.
* Developed Web services (SOAP) through WSDL in Apache Axis to interact with other components.
* Implemented EJBs Session beans for business logic.
* 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.
* Created and deployed web pages using HTML, JSP, JavaScript and CSS.
* Wrote JUnit Test cases for performing unit testing.
* Used Rational Clear Case as Version control.
* Implemented Java/J2EE Design patterns like Business Delegate and Data Transfer Object (DTO), Data Access Object and Service Locator.
* Interact with clients to understand their needs and propose design to the team to implement the requirement.
* Built Angular js framework including MVC architectures, different modules, specific controllers’ templates, custom directives, and custom filters.

**Environment:** Java1.5, JSP, JDBC, Spring Core 2.0, Struts 1.2, Hibernate 3.0, Design Patterns, XML, Oracle, PL/SQL Developer, Web services, SOAP, XSLT, Jira.