**Java Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* 10+ years of expertise developing and implementing large-scale, object-oriented, high-performance Web-based Client-Server applications using Java and J2EE technologies.
* Extensive expertise in developing RWD and Rich UI applications with Angular JS, React JS, Backbone JS, Node JS, Java Script, HTML5, CSS, BootStrap, JSP, JSTL, JSON, AJAX, and jQuery frameworks.
* Proficiency in application development with JSP, Servlets, JDBC, JNDI, Spring, Hibernate, Ibatis, Mybatis, JSF, EJB, XML, Web Services, Micro-Services, and WSDL.
* Proficient in XML technologies such as XSL, XSLT, XPATH, and parsers like JAXP (SAX, DOM) and JAXB.
* Experience implementing Web Services, Micro-Services, AWS, Docker, and JMS for synchronous and asynchronous communication between applications on multiple servers.
* Proficient in the design and development of enterprise applications with Java 2EEE technologies, such as Web services, Apache Kafka, JDBC, JNDI, JMS, JAXB, SAX/DOM, and Struts 1.2/2.0, Spring 3.x/4.x/Boot.
* Extensive work experience on Spring Framework modules (Spring Core, Spring Web, Spring JDBC, Spring Rest Services, Spring Data Access/Integration, Spring Batch, Spring AOP, Spring Transaction, and Spring Security).
* Expertise in designing several Entity classes with a relational database, involved in designing generic DAOs for the domain model to increase the reusability of methods by using Hibernate with JPA annotation.
* Proficient in design patterns such as MVC (Model-View-Controller), Singleton, DAO, DTO, Composite View, Business Delegate, Controller Factory, Abstract Factory, Service Locator, Observer, Iterator, Session Facade, Decorator, Adapter and View Helper Pattern.
* Well experienced in developing Database components like Stored Procedures, Triggers, PL/SQL packages, and Cursors for Oracle, SQL Server, and DB2 databases.
* Extensive experience with NoSQL Databases like MongoDB, Cassandra, and Couchbase.
* Developed Micro-Services using Spring Boot and Spring Cloud Netflix Eureka, Ribbon, and FeignClient.
* Strong understanding of Micro-Service patterns - Hystrix, Aggregator, Proxy chaining.
* Hands-on Experience in AWS Services like EC2, S3, Elastic Beanstalk, ELB (Load Balancers), RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS.
* Experience in creating Docker container images, pushing images, and integrating Spring Boot.
* Hands-on experience in working with Kubernetes for managing related, distributed cluster components.
* Experience in working with messaging systems like Kafka, and Kafka event Sourcing.
* Developed multiple POCs using Scala and deployed on the Yarn, performance of Spark, Cassandra.
* Experience in developing applications using Python and Ruby programming.
* Experience with Enterprise Service Bus such as MuleSoft ESB.
* Built Rich Internet Applications (RIA) using Flex, HTML5, CSS, Ajax, Dojo, React.js and Node.js.
* Proficient in client-side design and validations using HTML, CSS, JavaScript, AJAX, jQuery, Angular 11, and Node.js.
* Developed APIs and REST API proxy using APIGEE Edge for sending mobile notifications, implemented payment gateway on APIGEE Edge API Management Platform.
* Proficiency in deploying J2EE Applications archives (JAR, WAR, and EAR) on the IBM Web Sphere Application server, Apache Tomcat Web Server, and BEA Web Logic Application Server.
* Expertise in using Maven, Apache Camel, ANT, and Jenkins to automate software build processes and artifacts.
* Solid understanding of source controllers like GIT, CVS, and SVN.
* Coordinated with team for analysis and requirement gathering in methodologies- Agile (Scrum), TDD, XP, and Waterfall.
* Experienced in the Development, testing, and deployment of enterprise applications on Windows & UNIX platforms using IDEs such as Eclipse, Rational Application Developer (RAD), NetBeans, IntelliX 14.x/15.x
* Expertise in Selenium automation using Selenium WebDriver, Selenium Grid, JAVA, and JUnit.

**TECHNICAL SKILLS:**

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| Programming Languages | JAVA, JDK 1.5,1.6, 1.7, 1.8, C, C++, SQL, PL/SQL |
| Platforms | Windows 2003, 2008 Server, Linux, Unix |
| Java Core | Threads, Exception Handling, Lambda Expressions, Stream API, Collections, Functional Interfaces and Date API |
| Build Tools | Apache, ANT, Gradle &Maven |
| IDE& Reporting Tools | Eclipse, NetBeans, IntelliJ, JBuilder 2005, 2006 |
| Java Message Service | MQ, IBM MQ, Active MQ, Rabbit MQ |
| J2EE MVC Frameworks | SPRING 3.0, 4.0, Struts 1.1 |
| Database Tools | SQL Developer for Oracle, Connect/J for MySQL, IBM DB2 |
| Application Servers | Web Logic, WebSphere, JBoss, and Apache Tomcat |
| Web Technologies | HTML, HTML5, DHTML, CSS, Java Script, XML, SOAP, XSL, XSLT, XHTML, JavaScript, JSON, AJAX. |
| ORM Frameworks | Hibernate 3.0, JPA |
| Middleware Technologies | EJB, JNDI, JMS (Java Message Service) and SOA |
| Web Services | JAX-RS, JAX-WS and JAX-RPC |
| Design Methodologies | Rational Unified Process, Agile, Scrum, Test Driven Development |
| Continuous Integration | Jenkins, Quick Build, Bamboo |
| JavaScript Libraries | jQuery, Angular JS, Backbone JS, React JS, Node JS Ext JS, Bootstrap |
| Version Control | GIT, SVN, CVS, and Team Foundation Server |
| Testing | Junit, Selenium, QC, TEST NG, Mockito |
| Logging Tools | Log4j, slf4j, Splunk. |
| Databases | Oracle, MY SQL, DB2, MongoDB, Mark Logic and Cassandra |

**PROFESSIONAL EXPERIENCE:**

**Client: UMB Financial, Dallas TX May 2024 – Present**

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

**Responsibilities:**

* Involved in Requirements gathering, analysis, design, development, testing, and Maintenance phases with Agile
* Developed design documents with Sequence Diagrams and Class Diagrams using the Microsoft VISIO tool.
* Designed and developed the UI using Angular JS, Node JS, HTML5, CSS3, JavaScript, AJAX, and JSON.
* Used Bootstrap for responsive design which allows users to access it from any device.
* The presentation layer used Spring MVC to implement the MVC architecture design and facilitates user interface design by use of Angular components, directives, filters, services, and router modules.
* Used ReactJS to create views to the DOM and synchronize data with the server as a single-page application (SPA).
* Built Web pages using jQuery plugins for Drag and Drop, JQ-Validator, AutoComplete, AJAX, JSON, and Angular JS.
* Working with Java 8 features like Lambda Expressions, Filters, Stream API, for Each method in Inerrable interface, new Date API, Predicates, and Functional Interfaces.
* Implemented Spring and J2EE based MVC (Model-View-Controller) framework for the application.
* Implemented Micro-Services with Spring Cloud-provided library services like Netflix Eureka Naming Server, Netflix Ribbon, and Feign Client as a Rest client to map the response to the client bean.
* All the functionality is implemented by using Spring IO, Spring Boot, and Implemented J2EE components using Spring MVC, Spring IOC, Spring transactions, AOP, Batch, and Spring security modules.
* Designed several persistent classes and was involved in designing and creating generic DAOs for the domain model by using Hibernate.
* Used Spring Boot with ORM Framework (Hibernate) to do CRUD operations with Database.
* Implemented Apache CXF to create SOAP-based Restful web services. And created WSDLs as per wireframes, UI pages generated client jars using JAX-WS.
* Deployed Spring Boot-based Micro-Services in Docker container by using AWS admin console.
* Maintained and expanded AWS (Cloud Services) infrastructure using AWS Stack, defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Creating alarms and notifications for EC2 instances using Cloud Watch.
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets.
* Configured AWS Identity and Access Management (IAM) Groups and Users for improved login authentication, auto-scaling the instances to design cost-effective, fault-tolerant, and highly reliable systems.
* Installed Kafka on the cluster and configure the producer and consumer coding part in Java to establish a connection from source to HDFS with popular hashtags.
* Built a real-time pipeline for streaming data using Kafka and Spark Streaming.
* Developed integration modules for disparate clients using Apache Camel.
* Involved in building and deploying scripts using Maven3.3 to generate WAR, EAR, and JAR files.
* Developed Applications using Rule Engines, Drools 4. x, and ILOG with correspond to validate the business User Roles.
* Built with TDD Redux/React.js and ES6 frontend, node.js backend.
* Used GIT for version control and source repository, Used Fisheye for Code Review, and JIRA for reporting Bugs.
* Involved in writing Thread Safe blocks for multithread using Executor Service Framework access
* Created continuous integration builds using Ant, Jenkins, and Gradle and deployed them on the WebSphere app server.
* Experienced with SQL ORACLE, MongoDB, HTML/CSS, Java and JavaScript, JDBC, JNDI, JMS, Hibernate, XML, Unix/Linux, Maven, Git, SPA, Node.js, Postgres SQL, Talibs.
* Done with Web sphere server configurations, Data Sources, Connection Pooling, and MQ Series Queues set up for messaging and deploying the apps on different servers in different environments like QA/IST/Production.
* Used Soap UI for web service testing and used Log4j framework to log/track applications.
* Written SQL queries, PL SQL stored procedures, functions, triggers, cursors, sequences, and indexes that are going to be invoked by Batch processes.
* Managed and maintained Oracle and NoSQL (MongoDB) databases in the production domain
* Participated in migration to DB2 database from Oracle DB.
* Experience with JUnit tests for every single piece of functionality before actually writing the functionality.
* Done with Unit testing using MOKITO.

**Environment**: Java, J2EE, JDK 1.7/1.8, Spring 4. x, Hibernate 4. x, Restful Web Services,Node.JS, React. JS, Micro-Services, HTML 5, CSS 3, Bootstrap, Angular 2, JSON, React JS, Ajax, Maven 3.0, WAS, AWS EC2, Amazon Elastic Beanstalk, AWS IAM, S3, Docker, Soap UI, Jenkins, Git, Junit 4.4, Log4j, Apache Kafka, Camel, MongoDB, Oracle 11g, Agile Scrum.

**Client: CVS Health, Chicago IL Oct 2023 – Apr 2024**

**Role: Sr. Java/J2EE Full Stack Developer**

**Responsibilities:**

* Involved in various SDLC phases like requirement gathering, Design, Analysis, and Code development.
* Used React JS for creating loop directives and components to render views and to update object models dynamically.
* Used Bootstrap and React JS to create Controllers to handle events triggered by clients and send requests to the server.
* Analyzed the React JS server structure in a legacy project, then mimicked the REST service by using Java JAX-WS API, and did the corresponding configurations.
* Developed the application using Spring Framework Model View Controller (MVC) architecture.
* Implemented Spring Security for Authorizations like Method Level and URL Level Authorization using Spring AOP.
* Implemented Spring Transaction for the degree of isolation to work with other transactions and to execute within a transaction scope and check out before timing out of the transaction
* Used Web services (SOAP, REST) for transmission of large blocks of data over HTTP.
* Created continuous integration builds using Ant Jenkins. And deployed on the WebSphere app server.
* Used XML Web Services using SOAP protocol to transfer the amount to other applications remotely.
* Developed applications using design patterns like Session Façade, Business Delegate, Bean Factory, and Singleton.
* Wrote code Web Services (JAX-WS) for external systems via SOAP/HTTP call and fetched data from web services via JSON response and updated the HTML pages.
* Experience in Message Oriented Middleware implementation using JMS and Apache Kafka.
* Worked on SOA Web Services using SOAP with JAX-WS for transmission of large blocks of XML data over HTTP, Used JAX-B parser for marshaling and un-marshaling.
* Developed Spring-based presentation layer, and hibernate-based DAO layer and integrated them using Spring Dependency injection, ORM, and Web modules.
* Responsible for creating web-based applications using Node.js, and Redux workflow.
* Configured the Hibernate configuration files to persist the data to the Oracle 10g Database.
* Created connections to the database using Hibernate Session Factory, using Hibernate APIs to retrieve and store images in the database with Hibernate transaction control.
* Collaborated on responsive front-end development using React, Node.JS, JavaScript and coffee script with DevOps development principles.
* Implemented persistence layer using various features of Hibernate framework like HQL queries, Criteria, etc.
* Used Docker for production to the development environment as fast as possible for interactive use.
* For fixing an application, Docker is used to provide many tools that are not necessarily specific to containers, to provide extremely useful functionality, and to include the ability to checkpoint containers and container versions.
* Used AWS to deploy the project on an EC2 instance. Created highly fault-tolerant, highly scalable Java application using AWS Elastic Load Balancing, EC2, VPC, and S3 as part of process and security improvements.
* Using Kafka for Publish/Subscribe pattern in applications dealing with messaging.
* Multithreading was used to process data in chunks to improve performance.
* Followed the best practices in coding like removing unnecessary casting, using generics in Hash Map, caching, and Collections like sort, comparator, list, set, and Design patterns.
* Worked with Web Sphere Application Server as an application server.
* Used version control repository SVN (Subversion by Apache) and JIRA for issue tracking.
* Used Maven as a build tool and retrieved all the dependencies required for the application.
* Designed and implemented Java Classes to use the JAXP parser to create Java objects to be able to modify the data received in the response.

**Environment**: HTML, CSS, Bootstrap, AJAX, JavaScript, JSF 2.1, Angular JS, React JS, Spring Dependency Injection, Spring 3.x, Hibernate 3.x, Soap UI, AWS, Kafka, Docker, I Text, Maven, SVN, JIRA, Marionette.js, MongoDB, XML, Web sphere, SOAP web service, Unix/Linux, Web Sphere Application Server, PL/SQL, Oracle 10g.

**Client: EchoStar, Englewood CO April 2023 – Sep 2023**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Worked on the development and testing of the infotainment module using Agile (SCRUM) methodologies.
* Used Angular JS as a framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with the server.
* Refactored and enhanced an existing Angular JS application to follow strict MVC patterns for improved source code maintenance which resulted in a significant percentage of code reduction, ease of upgrade, scalability, ease of developer spins up, and enhanced performance.
* Used Angular JS, Node JS, and Bootstrap in effective web design.
* Involved in the enhancement of existing applications utilizing Angular JS created role-based HTML navigation menu where in menu items change dynamically based on the values derived from the database in the form of XML.
* Worked on Node JS providing an event-driven architecture and a non-blocking I/O API that optimizes an application's throughput and scalability.
* Implemented client-side Interface using Node JS and Used for creating reusable UI components.
* Created and injected Spring services, Spring controllers, and DAOs to business classes using Autowired annotation.
* Implemented Spring Batch to design a lightweight and comprehensive solution to enable batch applications.
* Developed and implemented Business Requirements using the Spring MVC framework. Implemented cross-cutting concerns such as logging, authentication, and system performance using Spring AOP.
* Created the User Interface screens using Spring MVC for logging into the system and performing various operations on network elements.
* Implemented Micro-Services using Spring Boot, and Spring Cloud Netflix (Config Server, Eureka Server, Hystirx, Discovery Client, Ribbon, Zull Proxy).
* Designed and developed user interfaces using Spring MVC Framework, Spring Boot, Hibernate, JSP, HTML5, CSS3, JavaScript, Angular JS, and React JS.
* Used Spring framework to achieve loose coupling between the layers thus moving towards Service Oriented Architecture (SOA) exposed through Restful Services.
* Implemented RESTful Web services in Service Oriented Architecture (SOA) to retrieve data from service and made REST API calls from Angular JS parsed the data to the client and handled the security using Spring Security.
* Worked on AWS, High Availability Practices, and deploying backup/restore infrastructure.
* Utilized Splunk for aggregating various logs from different systems.
* Experience in implementing custom monitoring systems through Splunk into deployment processes.
* Developed Hibernate DAO classes with the Spring ORM to perform persistence operations on the database.
* Used Hibernate Detached Criteria, HQL, and wrote some SQL queries for data retrieving.
* Apache Kafka is used to send message objects to client queues and topics.
* Analyzed the Node.JS server structure in the legacy project, then mimicked the REST service by using Java JAX-WS API, and did the corresponding configurations.
* Hibernate annotations are included for Oracle DB.
* Developed strategies and tools to create an efficient automated integration and release process using Jenkins.
* Analyze and resolve conflicts related to merging of source code for GIT.
* Log4j is used for logging purposes and debug levels are defined for controlling what we log.
* Expertise in Selenium Data Driven framework and integrating it with Maven Build Management Tool, TestNG Unit Testing tool, and Jenkins Continuous Integration Tool.
* Working with on-site and off-site resources for successful implementation of the Workflow module.

**Environment**: Xml, XSL, Angular JS 1.5, Node JS, React Js, BootStrap, Html 5, JavaScript, CSS 3, Ajax, Spring 3.x, Hibernate 3.x, Git, Aws, Jenkins, WebSphere 5.0, Web Services, JMS, SoapUI, Test Ng, Json, Ant, Log 4j, Oracle DB, Spring Cloud Netflix, Config Server, Eureka Server, Hystirx, Discovery Client, Ribbon, Zull Proxy, TestNG, Agile.

**Client: Texas Capital Bank, Dallas TX May 2022 – March 2023**

**Role: Java Developer**

**Responsibilities:**

* Involved in the complete software development life cycle with an object-oriented approach to the client’s business process and continuous client feedback.
* Engaged in developing the UI by using HTML, JSF, jQuery, and JavaScript and in some places used AJAX to make calls to other services.
* Involved in developing the CSS sheets for the UI Components.
* Developed web-based application using Spring framework for MVC architecture.
* Setting up the basic project set-up from scratch of Spring-Hibernate App based on Design.
* Used Spring Framework AOP Module to implement logging in the application to know the application status. I used the Spring DAO Module along with Struts Framework to deal with the database.
* Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification.
* Used Apache CXF to post messages to external vendor sites and exposed Web Services to other client applications.
* Developed the Servlets for processing the data on the server.
* Used SVN for version control.
* Used ES6 and JSX with React for component development.
* Involved in the development of REST Web Services using Spring MVC to extract client-related data from databases and SOAPUI tool is used for testing RESTFUL API web services.
* Wrote corresponding one-on-one REST methods to implement respective change requests (change appliers)
* Created SOAP-based web service using JAX-WS and tested service using SOAP UI.
* Implemented the Web Service client for the login authentication, credit reports, and applicant information using JAX-WS 2.0 and Apache Axis 2.
* Built Restful web services using Node JS and Express JS and used a full complement of Express.
* Tested REST services using Google Chrome’s POSTMAN plugin.
* Deployed the application in JBoss Application Server.
* Worked on Junit to create test cases for all the Business Rules and the application code.
* Called external vendor applications using Web Services for delivering notifications.

**Environment**: HTML, JSF, jQuery, JavaScript, Node.js, React.js, Apache CFX, Servlets, JBoss, Spring 3.x, Hibernate 3.x, Spring MVC, Svn, Soap, Restful, Jax-Rs, Jersey, SoapUI, Jax-Ws, Apache Axis 2, JBoss Junit, Webservices, Jibx, Postman, Svn, Junit, Agile.

**Client: DBS Technologies, India Feb 2018 – Nov 2021**

**Java/J2EE Developer**

**Responsibilities:**

* Collected requirements from Agents for documenting the requirements of the accounting module, and claims module.
* Implemented interceptors using Hibernate and built and released Spring framework.
* Responsible for developing Persistence classes using Spring JDBC Template frameworks to save data in database tables.
* Involved in the development of User Interface using XSLT, HTML, JavaScript, DOJO, and JSTL.
* Performed JavaScript Validations on the data submitted by the user.
* Used JSON to transfer the request from the web page to the server.
* Provided data persistence by object/relational mapping solution via Hibernate for application.
* Worked on JPA for persisting the objects into the system.
* Created services for various modules like Account Creation and Maintenance using Spring.
* Led the design of the new, single-page, Ajax-driven, HTML application.
* Used an Apache-Maven tool to build, configure, package, and deploy an application project.
* Worked on Axis implementation and used SOAP UI to test the SOAP.
* Worked on XML, XSD, and XSLT to parse the request and create a new one based on the specification.
* Used ANT tool to build and deploy applications.
* Generated the required XML files to transfer data between the server and the web pages.
* Used Concurrent Versioning System (CVS) as a version controlling for the source code check-in and check-outs.
* Used DOM parser for validating the XML files against their respective XML schemas.
* XPATH expressions are used to extract data from the XML files.

**Environment**: XSLT, AJAX, HTML, JavaScript, CSS, DOJO, Spring, Hibernate, JBoss, JUnit, DB2, DB Visualizer, Eclipse IDE, CVS, XPath, XSLT, JAX-RPC, Web Services, XML Schema, DOM parser, fiddler.

**Client: One97 Communication, India Jun 2015 – Jan 2018**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in preparing the detailed design document for the project.
* Creating class diagrams, sequence diagrams, Data Models, and Object Models using Rational Software Architect.
* Implemented the architecture of the modules according to the J2EE standards.
* Developed three-tier architecture using MVC design patterns of Spring MVC, Spring IOC, and Spring Web modules.
* Developed User Interface using JSP, JSF, HTML, JavaScript, and CSS, and developed various Action and bean classes.
* Involved in the configuration of Spring and Hibernate and used generic DAO design to build Hibernate DAO classes.
* Used Object/Relational mapping tool Hibernate to achieve object persistency.
* Written Delegate services provided web services SOAP, XPath, XSLT, and DTD to the end clients
* Involved in configuring Hibernate to access the database and retrieve data from the database for the modules.
* Implemented logger for debugging and testing purposes using Log4j.
* Developed stored procedures and triggers with PL/SQL stored procedures using TOAD.
* Developed ANT Scripts to do compilation, packaging, and deployment in Web logic application server.
* Involved in the configuration of Eclipse, TOAD, and Web Logic Application servers.

**Environment:** Eclipse, WebLogic server, JNDI, Spring IOC, Spring MVC, JPA, Hibernate, Unit Test (JUnit), XML, JSTL, Spring Tag Libraries, JSP, Servlets, JDBC, JMS, MySQL, Rest web services, jQuery, Log4J, Maven, JavaScript, HTML.