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## Java Full stack developer

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### PROFESSIONAL SUMMARY:

- A decent and creative professional with **10 years** of experience with complete **Software Development Life Cycle** in both Web based and Enterprise applications including requirement analysis, design, and implementation and testing with priority on **Object Oriented, Java/J2EE and Client Server technologies**.
- Involved in developing applications using **waterfall, Agile (XP and Scrum)** methodologies and **Test First, Test Driven Development** and **Service orientation architecture**.
- Experience in Front - End UI technologies like **HTML5, CSS3, JQuery, JSON, AJAX, Node JS, AngularJS, BackboneJS, Bootstrap, Tag Libraries, and JSTL**.
- Expert in **Core Java** with strong understanding of **Garbage Collector, Collections Framework, Exception Handling Multithreading, Event handling, JDBC, JMS and Generics**.
- Having good knowledge on and implemented functional styles of **java 1.8 Lambda Expressions** and **functional interfaces, parallel Streams**.
- Expertise in J2EE Technology- **Spring, Hibernate, Struts, Servlets, JSP, EJB, JPA, JDBC, JTA, JavaBeans, JMS (MQ series)**.
- Experienced in developing **SOA** (Service Oriented Architecture) and J2EE **Web Services** based on **RESTful, SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RS** using tools like **Apache Axis**.
- Experience in developing web applications on **MVC** based frameworks like **spring, Spring IOC, Spring Security, Spring Boot, Spring Batch and Spring MVC**.
- Civilized with different Design Patterns like **Singleton, Factory, Prototype, Front-Controller, Session Façade, Service-Locator, Data Access Object (DAO), Data Transfer Object (DTO), MVC, and Business-Delegate**.
- Experienced in process, validate, parse, and extract data from **XML** using as **XSL, XSLT, XML schemas, XPath, XForms, XSL-FO** and **parsers like SAX, DOM**.
- Well versed with **object-oriented design (OOD), analysis (OOA), and modelling (OOM)** based on Unified Modelling Language (**UML**) architecture.
- Hands on experience in API Management implementations such as **APIGEE**.
- Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that have to be stored in **AWS S3**.
- Expertise in **React JS** framework to develop the **SPA**.
- Experienced in **React JS** and working with **React Flux architecture**.
- Utilized **Amazon Web Services (AWS) EC2** to deploy **Docker** containers with both monolith and **Micro-Services** architecture.
- Sound knowledge of CI/CD Continuous Integration practices and tools such as **Kubernetes, Jenkins, Docker**.
- Experience in working with messaging systems like **Kafka, Kafka event sourcing**.
- Experience in Server infrastructure development on **AWS Cloud**, extensive usage of, **Elastic Beanstalk, Dynamo DB, S3, Route53, SNS, and SQS**.
- Experience in working with **Data structure and Algorithms** in **Java**.
- Extensive experience on **Oracle, MySQL, MS SQL Server, IBM DB2** and Solid understanding of Database Management System.
- Good understanding of modern **NoSQL** platforms (**Mongo DB, Cassandra and Dynamo DB**).

- Experienced in **JMS** over messaging to exchange information more reliably and asynchronously in enterprise Applications. Used **Apache ActiveMQ** and **Apache Camel** as **JMS** provider.
- Created **continuous delivery pipeline** for CDT Directory to run the **war**, **Ami** and **deploy** jobs in **Jenkins** brew master instance, reducing the time for deploying **micro services**.
- Experience on IDEs such as **IntelliJ IDEA**, **Eclipse**, **Spring Tool Suite**, **RAD** and deployment using Application Servers like **Apache Tomcat**, **BEA WebLogic**, **Web Sphere**, **Glassfish**, **Camel** and **JBOSS**.
- Experience with **Selenium**, **JUnit**, **Mockito**, and **Log4j** in developing test cases and determining application functionality.
- Expertise in developing Middle-Tier components using **Enterprise Java Beans (EJB)**, **JNDI**, **Hibernate**, and other Remote Components.
- Having good knowledge in maintaining UI using **jQuery**, **JavaScript**, **JSP**, **HTML**, **CSS** with **JSON**, **Groovy**.
- Proficient in writing **ANT** and **Maven** for builds and deployments to different environments.
- Experience on **UNIX/LINUX** Shell Scripting and Deployment of Applications in Server.
- Excellent work experience with Version Control Tools such as **VSS**, **SVN** and **GitHub**.

#### TECHNICAL SKILLS:

<b>Languages</b>	C, C++, core Java, Java1.7/1.8, J2EE, SQL, PL/SQL
<b>J2EE Technologies</b>	Servlets, JDBC, JSP, JSF, JMS, EJB, JNDI, Java Security
<b>Mark-up/XML Technologies</b>	HTML5, CSS3, JavaScript, JQuery, AJAX, AngularJS, NodeJS, CSS, XML, XSD, XSL/XSLT, SAX/DOM, JSON
<b>Operating Systems</b>	Windows, Sun Solaris, UNIX, Linux
<b>Tools &amp; Framework</b>	Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, JSF, JUnit, SOAP UI, Groovy, ANT, Maven, Jenkins, Apache ActiveMQ, Apache Camel
<b>Web services</b>	SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, Micro Services, AWS (Amazon Web Services)
<b>Web/App Servers</b>	IBM Web Sphere, Apache Tomcat, JBoss EAP, Web Logic Server, Glassfish
<b>CI/CD</b>	Kubernetes, Jenkins, Docker
<b>Databases</b>	SQL, SQL Server 7/2000, MS Access 7.0, Oracle 8i/9i/10g, 11g.
<b>Web Tools/IDE</b>	Eclipse, IntelliJ, Spring Tool Suite(STS), RAD
<b>Front End Technologies</b>	HTML5, CSS3, JQuery, Angular JS, Bootstrap, React JS
<b>Version Control System</b>	Tortoise SVN, CVS, Rational Clear case, GIT
<b>Testing Tools/ Others:</b>	JUnit, Soap UI, Putty, Rational Clear Quest, RTC, StarTeam

## Work Experience:

**Client: PG&E, USA**

**March 2022 to Present**

**Job Title::Lead Full stack Java Developer**

## Responsibilities:

- Participated in Agile Scrum methodology for application development. Analysis, design, coding, unit, and integration testing of business applications in an object-oriented environment.
- Developed Services, Business Delegate, POJO, Controller, Dao (implemented transaction management in DAO layer) and extensively used Core Java collections, Generics, Exception handling,
- Design patterns and java 8 features like Lambdas and Streams for functionality. Worked with multithreading and implemented concurrent multithreading as well.
- Implemented RESTFUL web services using spring boot and consumed using spring REST services.
- Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
- Developed REST clients using Spring REST template to interact with existing REST micro services.
- Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment
- Used Spring MVC framework for the design and development of web application
- Focused on Test Driven Development (TDD) thereby creating detailed JUnit tests for every single piece of functionality before writing the actual functionality and wrote test cases to test the Spring DAO layer.
- Selecting the appropriate AWS service based on compute, data, or security requirements.
- Integration of Amazon Web Services( AWS) with other applications infrastructure.
- Designed and prepared custom tags on the JSF layer and prepared framework classes for Managed Beans interacting with the Hibernate.
- Worked in a test-driven development environment, used JUnit and Mockito for backend test cases, and Karma and Jasmine for the frontend test cases.
- Involved in configuring builds using Jenkins with Git plugins. Configured and used Jenkins to deploy the applications onto Dev, QA, UAT (User Acceptance Testing) environments.
- Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
- Involved in performance tuning to identify and solve possible bottle necks in the application. Ensured code quality using tools like Find Bugs and Jenkins.
- Used Git for Version control, Jira for project tracking,
- Using Maven building tool for creating EAR file to be deployed in the application servers and also for Dependency management of code in the application.
- Involved in day to day handling of JIRA issues (production issues at time) that involved data inconsistencies that required to be solved in very less time.
- Actively Participated in tracking and resolving Production issues.
- Actively involved in code review, performance tuning and bug fixing phases.

**Environment:** Java 8, J2EE, JSP, Restful web Services ( Spring Boot),Spring Application Framework, Hibernate ORM, JMS,HTML5, XML, Weblogic Application Server, Kafka ,AWS services, Maven, Git, Log4j, TDD, jQuery UI, CSS, JavaScript ES5, Unix Collections ,Spring Boot, Angular, Maven, Design/Architectural Patterns, GitHub, MicroServices, Jenkins ,JIRA.

**Client: OutFront Media, USA**  
**Job Title: Full stack Java Developer**

**Oct 2020 to Feb 2022**

**Responsibilities:**

- Involved in various Software Development Life Cycle (SDLC) phases of the project which was modelled using Rational Unified Process (RUP).
- Built and managed the Application by using IBM WebSphere portal 8.0.
- Implemented the application in Jakarta Struts Framework and it is Model View Controller design pattern based framework.
- In the presentation layer, we used Struts Validation and Tiles Framework.
- Configured web.xml, faces-config.xml for navigations and managed beans. Spring and Hibernate Frameworks.
- Developed analytical components using Scala, Spark, Apache Mesos and Spark Stream.
- Developed programs in Java, Scala-Spark for data reformation after extraction from HDFS for analysis.
- Developed Spark scripts by using Scala shell commands as per the requirement.
- Developed page layouts, navigation and presented designs and concepts to the clients and the management to review.
- In-order to load the data to Oracle using Java and JExcel API we developed dump and Load Utility to extract the data.
- Used RMI to enable objects on different systems to interact in distributed network.
- Implemented the template-based categorization of presentation content using Struts-Tiles. MVC implementation using Struts framework.
- Used node.js which is event-driven model for data-intensive real-time applications.
- Implemented workflow system in a SOA environment, through web services built using Axis2 for SOAP over HTTP and SMTP. Configuration and deployments of AXIS2 components on web sphere application server at class loader level, and used the same to build and consume the web services (both synchronous and asynchronous). Designed and developed asynchronous RESTful MicroServices using spring boot, Couchbase and RX Java that are consumed by other MicroServices with an average response time of 30 milliseconds.
- Development in Staples B2B e - commerce site on domains like Cart and Checkout and List Pages using Open source development (WebSphere Commerce to Micro service Architecture).
- Developed Web Services and Responsible for the creation of the Web Services using SOAP Simple Object Access Protocol with HTTP protocol.
- Used React-Router to turn application into Single Page Application
- Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
- Involved in development of User Interface using HTML/HTML5, CSS/CSS3, JavaScript, and jQuery, AJAX, JSON, React JS and AngularJS.
- Highly used Angular7 router to build single page application for navigates through the different status and multiple modals.
- Expertise in creating web applications using HTML/HTML5, CSS/CSS3 (SASS, LESS), Bootstrap, JavaScript (ES5), jQuery, AngularJS, AJAX, and JSON, NodeJS, and ReactJS.
- Experience in Web Services development using Apache-Axis, JAX-RPC, and JAXB and Security architecture for marinating security levels for business process end to end, using different JAX-WS standards with clear understanding on WSDL (type, message, port Type, bindings, and service).
- In the project, we used PL/SQL commands to work on Oracle database.
- In our project used Node.js which uses the Google V8 JavaScript engine to execute code, and a large percentage of the basic modules are written in JavaScript.

- Used JQuery to simplify the client-side scripting of HTML and used DOJO widgets package for handling browser incompatibilities and IO package for AJAX support.
- Implemented custom Dojo widgets, including a multi-complete widget that works like your email clients to field.
- Worked on retail and merchandising website to update the goods and services.
- Used Web services - WSDL and SOAP for getting credit card information from third party.

**Environment:** RUP, JDK 1.5, Servlets, Spark, XML, JQuery, JMS, Struts 1.2, Hibernate 3.0, Spring 2.5, PL/SQL, Web Service(JAX-WS), HTML, AJAX, DOJO, GUI, RMI, COTS, JavaScript, Hybris, CSS, Apache Server, SVN, DB2, Web API, SQL Server, REST web services, Adobe Dreamweaver CS5, ANT 1.7, node.js, IBM Web Sphere Application Server 8.0, Clear case, TCPMon, SoapUI, Visio, Rational Rose, Log4j.

**Client: Honeywell, USA**

**Sep 2017 – Sep 2020**

**Job Title: Sr Java Developer**

**Responsibilities:**

- Worked on gathering the requirements and developing a working architecture to deploy.
- Worked on generating sequence and data flow diagrams using UML.
- Create team specific agile process flow in JIRA to move tasks from one activity to another.
- Development in Java EE including GUI, business logic and data access.
- Designed and developed UI screens with JAXB and JSF (MVC) to provide interactive screens to display data.
- Used parsers like SAX and DOM for parsing xml documents and used XML transformations using JAXB.
- Developed the business layer logic and implemented EJBs Session beans.
- Implemented Java and J2EE Design patterns like Business Delegate and Data Transfer Object (DTO), Data Access Object and Service Locator.
- Built Kafka-Spark-Cassandra Scala simulator for MetricStream, a big data consultancy; Kafka-Spark-Cassandra prototypes.
- Worked on project to retrieve log messages procured from Kafka by leveraging Spark Streaming.
- Used Apache POI - HSSF for generating reports in MS Excel and iText for generate PDF reports.
- Developed and Implemented Web Services and used Spring Framework.
- Prepare Java/J2EE development structure for XCode, Maven.
- Involved in creation of web services, WSDL and web methods with Annotation in hibernate, Used the spring container for data source and to load the Hibernate specific classes.
- Involved in developing the UI panels using JSF, XHTML, CSS, DOJO and JQuery.
- Involved in the creation of interface to manage user menu and Bulk update of Attributes using AngularJS, EXTJS and JQUERY.
- Developing the React Web UI components using Atom IDE and made backend REST calls unit test cases for various react components using JEST and Enzyme
- Developed AJAX scripting to process server side JSP scripting.
- Integrated MVC framework Backbone.js to the existing web applications.
- Exposure to NoSQL database programming - Apache Cassandra.
- Worked on maintaining the database system using Sybase.
- Used XCode as IDE, configured and deployed the application onto WebLogic application server using Maven build scripts to automate the build and deployment process.
- Building and deploying the jar files on JBoss to support the testing and stable maintenance.
- Worked with oracle in maintaining the vendor, patient databases and connecting it by JDBC.

- Experience in writing test cases using JUnit testing framework and configured applications on WebLogic Server.
- Develop common utilities for JSON to Java object.
- Developed the web interface and interaction using Stripes and AngularJS.
- The web interface was made easy to secure with spring framework.
- Experience in working on Web Application Security scanning tools- AppScan, VeraCode.
- Analysing report requirements and developing the reports by writing Teradata SQL Queries and using MS Excel, Power Point and UNIX.
- Write bash and Perl scripts for file maintenance and web page generation using common utilities including vim, sed, find, grep, and rsync.
- Worked to store the data on the cloud storage service.
- Developed client-side application using java swing framework.
- Designed, developed, implemented, and maintained custom Ant tasks in Java and Groovy.
- Wrote the Grails Sanitizer Plugin to address security of Rich Text in Grails applications.
- Design, develop and test of SOA services using SOA / Web Service / Oracle Fusion Middleware.
- Extensive experience in developing applications using Java and related technologies using WATERFALL and AGILE (SCRUM) methodologies. Updating status on daily basis and participating in user story grooming and estimation sessions.
- Worked on writing log file using google cloud logging.
- Developed JavaBeans with Hibernate for necessary transactions like fetching the required data, updating the vendor information.
- Utilized Jenkins, Git, and Eclipse for deployment on test servers and to move towards CI/CD.
- Worked on Jenkins to integrate the code and perform testing on it.
- Manually tested the web application through different environments.
- Written Black Box test cases based on the User and Business Requirements.
- Performed SOA / web services testing using SOAP UI, wrote adaptors to test / invoke web services.
- Extensively used Selenium (XPath and CSS locators) to test the web application.
- Used SOAP UI tool to test SOA based architecture application to test SOAP services & REST API. Used Page Object Model, UI Mapping, Selenium Manager, Data Driven using CSV, CSS Selectors as a part of Framework.
- Involved in the development of Test plan, Scenarios and Test scripts for manual, automation and functional testing of the application.
- Contributing effectively at many different points in a project life cycle as an individual contributor.

**Environment:** Java 8, JPA, Python, Spring, Hibernate, Struts, Spark, Stripes, EJB, JSF, JQuery, Ajax, Javascript, Oracle 11g, Jira, Maven, Pl/SQL, JDBC, Solr, Apache CXF, JAXB, NoSql, CI/CD, Jenkins, Cloud logging, Cloud Storage, ActiveMQ, Rest, XCode, Weblogic, Node.js, Bootstrap, Sybase, Backbone.js, Angular.js, WODM 8.1, Acegi Security, Junit, Agile, UML, JSP, JBoss, Servlet, Selenium, SOA.

**Title:** Java/J2EE Developer

**April 2015 – Aug 2017**

**Client:** Santander Bank, New York

**Responsibilities:**

- Designed and developed the application using **agile methodology** and followed TDD, Scrum.

- Worked on Enhancements and Post Production Fixes for **Employer Resource Information Centre (ERIC)** Application.
- The enhancements required us to develop new correspondences and fix the old correspondences.
- Implemented Hibernate's Lazy default fetch plan for generating proxies and collection wrappers and created fetching strategies for minimizing the number of SQL statements.
- Designed and Developed the **UI Framework** built using **JSF Apache My Faces, Ajax4JSF**.
- Involved in writing **JSF Backing Beans** for controlling the UI and writing custom components and validators.
- Extensively used Java best practices and implemented several Core **design patterns** like **Singleton, Data Access Object (DAO), and Business Delegate** etc.
- Used Asynchronous **JavaScript** and **XML (AJAX)** for better and faster interactive Front-End. Configured Navigation rules in the **JSF** configuration files to add new functionality to the application by writing new **JSPs**.
- Responsible for configuring and deploying the builds on **WebSphere** App Server. Implemented **J2EE** design patterns such as **Session Facade, Factory, DAO, DTO and Proxy**.
- Wrote data Components for ERIC application wrote and called **Stored Procedures** using **Java, HQL, and Hibernate**.
- Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, **JS, CSS, JQuery, Node.js and HTML** to speed the application.
- Worked on **Java Beans** and other business components for the application and implemented new functionalities for the ERIC application.
- Used **Mongo DB** in backend to persistent data into database and written SQL/Mongo queries to access/update the data from/ to the database.
- Worked on **Adobe Form Server** and **Extension Rights Server** for generating correspondences as PDF and PDF forms are submitted online.
- Developed Business components using Java Objects, Core Java, Multithreading, Servlet, and JSP.
- Used **Java Architecture for XML Binding (JAXB)** for marshalling and un-marshalling java objects and XML. And **Serena Dimensions** was used for the version control of source code.
- Developed report program to migrate project definitions and WBS elements from GSF system IES system.
- **Log4j** framework was used to debug and trace the application.
- Experience in creating Tables, Indexes, Constraints, Users Defined Functions, Views, Stored Procedures, Triggers and complex SQL statements.
- Experienced in writing complex SQL Queries, Stored Procedures, Triggers, Views, Cursors, Joins, Constraints, DDL, DML and User Defined Functions to implement the business logic and created clustered and non-clustered indexes.

**Environment:** Java 1.5, J2EE 1.5, JAXB, XML, XSD, IBM WebSphere, IBM DB2, IBM MQ, IBM Rational Application Developer (RAD) 7.0, JSF, Adobe LiveCycle Designer 7.0, Spring Web flow, Ext.js, XDP, Form Server, Aqua Data Studio, JavaScript, log4j, Junit, JMS.

**Client:** Cyient Inc, India

**Sep 2013 – July 2014**

**Role:** Software engineer

**Responsibilities:**

- Involved in the analysis & design of the application using Rational Rose.
- Developed the various action classes to handle the requests and responses.

- Designed and created Java Objects, JSP pages, JSF, JavaBeans and Servlets to achieve various business functionalities and created validation methods using JavaScript and Backing Beans.
- Involved in writing client-side validations using JavaScript, CSS.
- Involved in the design of the Referential Data Service module to interface with various databases using JDBC.
- Used Hibernate framework to persist the employee work hours to the database.
- Developed classes and interface with underlying web services layer.
- Prepared documentation and participated in preparing user's manual for the application.
- Prepared Use Cases, Business Process Models and Data flow diagrams, User Interface models.
- Gathered & analyzed requirements for EAuto, designed process flow diagrams.
- Defined business processes related to the project and provided technical direction to development workgroup.
- Analyzed the legacy and the Financial Data Warehouse.
- Participated in Data base design sessions, Database normalization meetings.
- Managed Change Request Management and Defect Management.
- Managed UAT testing and developed test strategies, test plans, reviewed QA test plans for appropriate test coverage.
- Involved in Developing JSP's, action classes, form beans, response beans, EJB's.
- Extensively used XML to code configuration files.
- Developed PL/SQL stored procedures, triggers.
- Performed functional, integration, system and validation testing.

**Environment:** Java, J2EE, JSP, JCL, DB2, Struts, SQL, PL/DSQL, Eclipse, Oracle, Windows XP, HTML, CSS, JavaScript, and XML.