**Manoj**

**Sr. Java Full Stack Developer**

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**PROFESSIONAL SUMMARY**

* I have 9+ years of experience in **Java/J2EE**, **Software Development Life Cycle**, **Object Oriented programming**, developing, and testing Client/Server, er, **enterprise** and **Web Applications.**
* Experienced in all stages of Software Development Life Cycle (SDLC) starting from gathering business specifications, analysis, design, development, testing and implementation of projects using various methodologies like Agile and Waterfall.
* Experience in all phases of Software Development Life Cycle **(SDLC)**, which includes Integration, Implementation, Interaction, Business Analysis/Modelling, Documentation, and Testing of all software applications.
* Strong knowledge of **J2EE** (Core Java), **Swings and J2EE** technologies such as **Servlets**, **JSP**, **JDBC**, Java Beans (**EJB**), **JMS**, **Hibernate**, **Spring**, **Web Services**, **HTML**, **XML**.
* Experience in using Design Pattern: **Singleton Pattern**, **Facade Pattern** (Session), **MVC** Pattern, Business delegate Pattern, and Service Locator Pattern.
* Experience in using Spring Framework (**Spring Core, Spring Model View Control, Spring IOC, Spring ORM, Spring Web flow, Spring Data Access Object**).
* Extensive experience in Web application development using - **HTML, CSS, Javascript, Ajax, Angular,14/12/11/8/7/6/4.**
* Automated cloud deployment using **Chef**, and **AWS Cloud Transformation** templates.
* Strong integration skills with Message Oriented Middleware like JMS, WebSphere MQ, Active MQ, Rabbit MQ, and **Apache Kafka**.
* Experience in Service Oriented Architecture (SOA), Web Services design development and deployment using **WSDL, REST, UDDI, JAXP, JAXB, SAX, DOM, XSLT, Apache AXIS, SOAP Web Services**.
* Experience in working on XML technologies such as **JAXB, JAXP** and strong understating of **DTD/Schemas, DOM/SAX Parsers, XSL, XSLT, and XPath**.
* Excellent in deploying the applications in **AWS** as **EC2** instances and creating snapshots for the data that must be stored in **AWS S3**. Good understanding of **NoSQL** databases like **Mongo DB** and **Cassandra**.
* I am highly experienced with **Node.js** (Server side), Express (Web server Framework), Mongo DB (Database) as a software stack.
* In-depth understanding on CI/CD pipelines, Containerization, Orchestration. Hands on experience using **OpenShift**, **Kubernetes** and building **docker** files and uploading to repositories.
* Experience in developing Web and Enterprise applications using technologies JDBC, Servlets, Web Sockets, **JSP, EJB, Java Server Faces (JSF), Java Persistence API (JPA), JNDI** and **JMS**.
* Experience in writing Build Scripts in MAVEN and using **CI** (Continuation Integration) tools like **Jenkins**.
* Strong RDBMS expertise worked extensively with Oracle, Sybase, PL/SQL, and coded stored procedures, Triggers and Functions using PL/SQL.
* Extensive experience in working on projects with Waterfall and Agile methodologies such as Test-Driven Development (**TDD**) and **SCRUM**.
* Expertise in writing most effective code using Collections, Exceptions Handling, Input/output (I/O) System, Swing, Annotations, Enums, Concurrency, Lambdas and Generics.
* Has vast experience in Relational Databases like Oracle, Sybase, MySQL, DB2, SQL and PL/SQL.
* Hands On Experience on NoSQL Document Store databases such as MongoDB, Cassandra.

**TECHNICAL SKILLS:**

* **Java Technologies** : Core Java, JSP, Servlet, JDBC, J2EE, JNDI.
* **J2EE Frameworks:** Struts, Hibernate, Spring Boot, Spring Batch, Spring IOC, Spring AOP, Spring DAO, EJB, JPA, JSF.
* **Web Development**: Web Services, Restful Web Services (JAX-RS), SOAP, APACHE AXIS VERSIONS, AJAX, jQuery, HTML, DHTML, CSS, JavaScript, Angular JS, Node JS, Backbone.js, Knockout.js, Graph, QL, Ember.js, Handlebars.js, Bootstrap JS, JSON, XML, XSL, XSLT, XSD.
* **Languages:** C, C++, Java, JavaScript, PL/SQL.
* **Operating Systems:** Windows, UNIX(Solaris), LINUX, HP-UX.
* **Application/Web Servers: JBOSS**, Web sphere, WebLogic.
* **IDE’s:** Eclipse, My Eclipse, Spring Tool Suite, RAD.
* **Cloud Platforms:** AWSpage2image41198320.png
* **RDBMS/Backend** :Oracle, Sybase, DB2, MYSQL Server.
* **Data Bases:** Oracle 12c/11g/10g/9i/8i, SQL Server, MySQL, Sybase 12.5, DB2, MongoDB, Cassandra WIN-CVS, Git, SVN, Rational Clear Case
* **Tools**: JIRA, Pivotal Tracker, Unified Modeling Language (UML), Entity Relationship Diagram (ERD), Dream Weaver, TCP/IP, HTTP, ANT, ENHYDRA, Kawa Pro, Gen Shell, SQL Developer.
* **Version Control Systems:** WIN-CVS, Git, SVN, Rational Clear Case.

**PROFESSIONAL EXPERIENCE:**

**Client: Walmart, Bentonville, AR Aug 2022 – Till Date**

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

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) using Agile Methodology and followed Scrum sessions.
* Designed dynamic and browser compatible pages using **HTML5, CSS3, Bootstrap, TypeScript, Angular 14 and jQuery** plugins for Drag and Drop**.**
* Spring Controllers were used with Angular 11 to display data from the API’s and used **jQuery** to traverse through the **DOM** and access the nodes.
* Implemented J**ava 8** features like **Lambda expressions, Streams, filters, pipelines, Optional Interface**s etc. used **Apache Kafka** as the messaging infrastructure for asynchronous processing.
* Wrote SQL queries to get the data, updated the data from the database and to connect database in the DAO implementation.
* Involved in DevOps activities like configuring Jenkins job, Jenkins pipeline Script for **CI/CD.**
* Created Typescript reusable components and services to consume **REST API'**s using Component based architecture provided by **Angular 12**.
* Consumed Web Services for transferring data between different applications using Restful APIs along with API gateways APIs.
* Developed business components by using **Spring Boot, Spring IOC, Spring AOP, Spring Annotations**, Spring Cloud) &Persistence layer by using Hibernate/JPA along with **Web Services (RESTful)**
* Deployed Spring Boot based Microservices and automated application deployments using **OpenShift** with the help of **Kubernetes** and **Docker** container using Amazon EC2 container services using **AWS.**
* Used Microservices architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot.
* Leveraged **AWS** cloud services such as **EC2**; auto-scaling; and **VPC (Virtual Private Cloud)** to build secure, highly scalable, and flexible systems.
* Built an isomorphic application using **React.js** and Redux with **Graph QL** on server side.
* Used React and Redux Stack to create views to hook up models to the DOM and synchronize data with server as a Single Page Application **(SPA).**
* Worked with NPM commands and using Package. Json for managing dependencies and dev-dependencies of Node.js applications.
* Involved in writing Spring Configuration **XML**, file that contains declarations and business classes are wired-up to the frontend managed beans using Spring **IOC** pattern.
* Used **Angular8** as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
* Developed Web and Enterprise applications using technologies JDBC, Servlets, Web Sockets, JSP, EJB and Java Server Faces (JSF).
* Responsible for debugging, testing, maintaining, and deploying the applications based on the tracking errors for spring services using Junit.

**Environment:** Java 1.8, Spring, Spring Boot, Spring Data, Spring (Auto-wiring, Core Container, Security, AOP, Spring Quartz), Microservices, Angular 14, jQuery, Typescript, AWS, Docker, Eclipse IDE, Mongo DB, GIT, EJB, JSF, Maven, Jenkins, Node JS, Restful API, WebSphere, WebLogic, Apache Tomcat, HTML5, CSS3, Bootstrap, JMS, Jira, Agile, OpenShift, Kubernetes.

**Client: Hilton, Memphis, TN Oct 2020 – July 2022**

Role: Java/J2EE Developer

**Responsibilities:**

* Followed Agile and waterfall software methodology for project development.
* Developed applications on Spring framework by utilizing its features like Spring Dependency injection, Spring Web flow with Spring MVC and Spring BOOT in Eclipse IDEA.
* Created reusable components (with ajax components) in wicket framework.
* Utilized the Action Support to integrate Struts and Spring components
* Worked on designing and developing dynamic web pages using HTML5, CSS3, JSP, JavaScript, jQuery, and Angular 5 for single-page applications.
* Developed JSP pages using resource bundles, Struts framework for the presentation tier and flow control.
* Developed Spring Boot based Microservices interacting through a combination of REST APIs to build, test and deploy identity Microservices.
* Implemented Backend application using Core Java (OOPs, Collections)
* Designed and developed OAuth2.0 Single Sign-On to SSO to third party applications
* Developed SQL stored procedures and prepared statements for updating and accessing data from databases (Oracle, DB2, MySQL).
* Developed and consumed RESTFUL APIs to interact with third party applications using spring framework and JSON media type.
* Worked on OpenShift and Docker for microservices architecture.
* Worked on developing batch jobs using spring batch deployed on windows server
* Extensively used Spring JDBC in data access layer to access and update information in the database.
* Used Hibernate 4 to store persistent data as an Object-Relational Mapping (ORM) tool for communicating with the database.
* Configured and handled Redis, Rabbit MQ into applications architecture.
* Worked on application integration with Api Gee Gateway.
* Deployed and hosted Java Spring boot-based applications on AWS architecture
* Tested performance across platforms using SOAP UI.
* Worked on deploying microservices integrating with MSK and Open Search.
* Deployed and supported Kafka producer and consumer applications integrating with Zookeeper.
* Performed bug tracking and Unit Testing using Junit and Mockito
* Used IVY, Ant, Gradle for dependency and application build, Jenkins for continuous integration and deployment on WAS 8 server
* Used Hibernate to communicate with Oracle database and queries using HQL.
* Used GIT repository for software configuration management and version control
* Logging framework Log4J is used for log messages.
* Working with Splunk for searching logs and debugging issues.
* Working with Kibana to visualize and retrieve elastic search queries.
* Guiding and supporting offshore team to understand and develop the functionalities.

**Environment:** Java, Spring, Struts, Design Patterns, UML, Hibernate, WebSphere, IVY, Gradle, ANT, Maven, Eclipse, Oracle, DB2, My SQL, Ajax, XML XSD, HTML/DHTML, JavaScript, Kafka, MSK, Open Search, Redis, Rabbit MQ, CSS, JSP, Log4j, JUnit, AngularJS, Web Services, Jenkins, UNIX, Spring batch, Wicket, OpenShift, AWS, Restful API, OAUTH2, Mockito, Splunk, Kibana

Client: American National Bank, NE Dec 2019 – Sep 2020

Role: Java/J2EE Developer

**Responsibilities:**

* Involved in Analysis, Design, Development, Testing and Production phases of the project.
* Used Agile/Scrum methodology during application development.
* Implemented the Persistence/DAO layer using Hibernate.
* Involved in creating Web Services using a Bottom-Up approach.
* Implemented web services in Restful Web Services using Spring Rest Template.
* Developed UI screens using HTML5, JSP, ReactJS, CSS3, jQuery, AngularJS, and JavaScript.
* Developed rich client user interface and AJAX-style JSF for Partial Page Rendering.
* Designed and developed user interface using asynchronous technologies using AJAX/POJO/Spring
* Jersey implementation of JAX-RS is utilized to develop RESTful service.
* Created and highly deployed fault tolerant, highly scalable Java application using AWS Elastic Load Balancing, EC2, VPC and S3 as part of process and security improvements.
* Developed the System Architecture based on distinctive design patterns including MVC, SOA, DAO, Singleton, Factory, etc.
* Developed independent and re-useable service components using Web services, Spring Dependency Injection, and Design Patterns.
* Designed and developed the REST based Microservices using the Spring Boot
* Deployed application on WebSphere Application server in Windows environment.
* Implemented hibernate Mapping like one to one, one to many and Many to Many based-on Requirement
* Responsible for the performance improvement of batch processes using Core Java Collections API.
* Continuous integration using Jenkins for nightly builds and sending automatic emails to the team. Used Struts the MVC framework for building web applications.
* Created an automation unit and regression testing suites for the Rest API and batch jobs using Junit and Test NG.
* Created test cases, test plans, tested API's, wrote JUnit test cases, executed code coverage, and wrote automation scripts using Selenium WebDriver
* Involved in Maven build script changes for the build and deployment.
* Used Log4J for debugging and error logging.

**Environment:** Java, AWS, Spring, Struts, Spring IOC, Design Patterns, UML, Hibernate, WebSphere, React JS, Maven, Eclipse, Oracle, Maven, Ajax, XML XSD, Docker, HTML/DHTML, JavaScript, CSS, JSP, Log4j, JUnit, jQuery, AngularJS, Web Services, Jenkins, JIRA, UNIX

**Client: DXC Technology, India Aug 2017 – Jul 2019**

Role: Java/J2EE Developer

**Responsibilities:**

* Used AGILE methodology and participated in SCRUM meetings.
* Generated UML artifacts such as use cases, sequence diagrams, class diagrams using RAD.
* Designed view page using HTML5, Bootstrap, JavaScript, CSS3 and JSP.
* Used React JS for templating for faster compilation and developing reusable components.
* Developed applications using Struts Framework and configured the validation framework for validations and Tiles framework for layout management.
* Involved in implementing Design Patterns (DAO, DTO and Business Delegates).
* Involved in Installing and configuration of WebSphere Application server administration.
* Used ORM tool Hibernate for data persistence and used Java Persistence API (JPA) through Hibernate with EJB.
* Involved in development and maintenance of new APIs for integration with ecommerce websites.
* Involved in storing and retrieving data from Oracle Database using HQL.
* Involved maintenance of the project and resolved the issues raised
* Developed Web Services for transferring data between different applications, experienced with SOAP/WSDL and RESTFUL web services.
* Involved in Analysis, Source code development, unit test case creation and unit testing
* Used Firebug, and IE developer toolbar for debugging and browser compatibility.
* Developed Multithread Application using with Thread Pool and Concurrent Executors
* Used MAVEN build tool to build the application.
* Used JUnit Test to automate functional and regression testing across integrated environments.
* UAT support – Analyzed issues that were simulated in the UAT phase, fixing, and testing the issues and releasing the code for UAT.
* Used NodeJS to develop backend REST API
* Analysis, simulation, fixing and testing of the production support issues as a part of the development team.
* Deployment of work product on integrated system & provides necessary effective support for the issues if encountered.

**Environment:** Java, HTML5, CSS, Servlets, JSP, JavaScript, AJAX, Bootstrap, React JS, XML, Struts, Hibernate, EJB, Web Service, WSDL, SOAP, Maven, JUnit, NodeJS, Oracle 10g, TOAD, Clear Case, UNIX/LINUX, UML, Web sphere.

**Client: Capgemini, India May 2013 – July 2017**

**Role: Java Developer**   
**Responsibilities**:

* Created a Java Bean-based testing tool with XML input requests and XML/Document outputs.
* Heavy JDBC programming writing complex SQL and stored procedures for CRUD operations.
* Secure Web Services developed for the clients that provide standalone client-requested functionalities with truly little load on the actual application.
* Involved in Unit, Integration, and System testing across all the levels from dev to production.
* Involved in creating the test tool which accepts the XML as request and generates the response XML.
* Developed Spring service layer which interacts with web services.
* Involved in deploying the code to Web Logic instance and do the smoke test.
* Prepared test case scenarios from SRS and High-level design, a unit test strategy to keep the code bug free.
* Migrated Cron jobs to Dollar universe as part of EDC Minimum.
* Developed shell scripts to call stored procedures which reside on the DB Performing software development and configuration of Remedy service management tools.
* Used AJAX methodology to enhance current user hierarchy display.
* Involved in designing the system based on UML concepts which include data flow diagrams, class diagrams, sequence diagrams, state diagrams using Rational Rose Enterprise Edition
* Responsible for maintenance and production support of the application documented design and functional aspects of the application.
* Used Hibernate Query Language (HQL) features like Named Queries for querying the database and using the objects in data access layer.
* Wrote Unit testing and Test suites using JUnit framework for testing the application. Used SVN for version control and ANT for application build.

**Environment:** Java 1.4, J2EE, JEE, JSP, JavaScript, DB2, JMS, Web Logic 8.1, Apache Struts, PVCS, JUnit, Hibernate3.0, RESTful web services, SOAP, Eclipse.