**HIMAJA MADDI**

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**Senior Java Full Stack Developer**

**Professional Summary**

* 8+ years of experience in Cross-Platform (Web & Client-Server) application development and design using **Object-Oriented Programming, Core Java, J2EE technologies**.
* Hands-on experience in designing and developing web applications with complex requirements, architecture and usability standards using **HTML, CSS, JavaScript frameworks, Ajax, jQuery, JSP, XML, DHTML, XHTML, Servlet and MVC framework**.
* Hands on experience in Server-side scripting languages and Client-side scripting languages like **HTML5, CSS3, JavaScript, jQuery, JSON, Bootstrap, AngularJS, Angular 4/6, React.js, Node.js, Grunt.**
* Expertise in using J2EE Application Servers such as IBM WebSphere 4.x/5.x/6.x, WebLogic, JBoss 3.x and Web Servers like Tomcat 5.x/6. x.
* Knowledge on **JAVA 8 Lambda Expressions** to retrieve the data from Collections.
* Experience in database modeling, design and development of PL/SQL stored procedures, packages in relational databases: Oracle 11g, SQL Server 2005/2008, DB2, PostgreSQL and MySQL.
* Experience in working with **RDBMS and No-SQL DB (Cassandra).**
* Experience in developing **commercial web applications, Multi-lingual web apps, enterprise** applications and web services by using enterprise technologies, such as **Java, J2EE, Spring, JSF**, **Hibernate, EJB, JMS, JSP, Struts, Servlets, Beans,** J**MS, RMI, HTML, JDBC, XML (XSL, XSLT, XPath), Web Service, SOA and AXIS.**
* Experiences with build tools include **Maven, Gradle and Jenkins Version.**
* Expertise in Cutting Edge Technologies like **EJB, JPA, JMS and WebSphere MQ Series** with good experience in Developing and Deploying Enterprise Java Beans (EJB) on Application Servers like WebLogic, WebSphere and JBoss.
* Expert in developing enterprise web-based applications based on Java technologies using **J2EE, J2SE, EJB, Java Servlets, Struts, Java Beans, JMS, JNDI, ANT and Apache Maven.**
* Experienced in build tools like Rx Java for background tasks, M**ockito, Ant and Maven, Log4j for Logging** and JUnit for testing.
* Worked on real time data integration using **Kafka, Spark streaming and MongoDB, Cassandra & HBase.**
* Experience in handling **messaging services** using **ApacheKafka**.
* Developed end to end data processing pipelines that begin with receiving data using distributed messaging systems Kafka through persistence of data into HBase.
* Experience in creating Web Forms and User Controls, worked with Master Pages and CSS.
* Used **AJAX and JSON** to send requests to the server to check the functionality of the websites.
* Experience in writing **PL/SQL queries, T-SQL, SQL** Server 2012/2014, Oracle 10g and MySQL 5.
* Created forms to collect and validate data from the user in **HTML and JavaScript.**
* Experience in client and server-side scripting languages like Typescript, Angular 2, Angular 4.
* Experience with **Responsive Web Design (RWD)** with involvement in several web application development projects.
* Deploying application on **Amazon Web Services (AWS) in EC2 environment.**
* Extensive experience in building **Single Page Applications (SPA)** using frameworks like **AngularJS and Custom MVC frameworks.**
* Developed Interactive **graphs using D3.js with JSON data.**
* Experience working with **Angular 4 APIs like @angular/http and @angular/router.**
* Proficient in creating Angular factories for using angular services to make RESTful API calls to the Java based backend.
* Ability to troubleshoot, debug, and optimize Angular 12 applications for performance, accessibility
* Experience in **DOM (Document Object Model) and DOM functions** to use in interacting with objects in **HTML, XHTML and XML** documents.
* Expertise in coding optimized SQL queries, PL/SQL Stored Procedures, Functions, Packages and Triggers on databases like **MySQL, SQL Server and Oracle**.
* Strong experience in different **IDEs like Eclipse, Spring ToolSuite and IntelliJ IDEA** and worked on various application and web servers like **JBoss, BE WebLogic, IBM WebSphere, Camel and Apache Tomcat.**
* Have experience in **Design, Development and Deployment of Web-Applications/ J2EE applications** on servers like **Apache Tomcat, Apache Camel, JBOSSFuse.**
* Proficient in PySpark, a Python library that provides an interface for Apache Spark, a distributed computing framework for large-scale data processing.
* Worked with Maven, ANT Builder for application building, scheduling, mailing and automation and integrated with Jenkins.
* Experience in usage of version controls systems like **GitLab, CVS and SVN.**

**Technical Skills**

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| **Methodologies** | Agile, Test-Driven Development, Waterfall |
| **Languages**: | C++, Java, SQL, PL/SQL |
| **XML Technologies**: | XML, XSL, DOM, SAX, DTD, XQuery, XSD and XSLT  |
| **J2SE/J2EE Technologies**: | Java, J2EE, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, Jakarta Struts, JSF, EJB, Spring, Hibernate, JTA, JNDI, JPA, JMS  |
| **Tools and Framework**: | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, JSF, Junit, SOAP UI, Rational Rose, RabbitMQ, Spring Boot  |
| **Build Tools**: | ANT, Vagrant, Maven, Docker, and Jenkins |
| **Version & Source Control**: | Tortoise SVN, CVS and GIT  |
| **Web Technologies**: | HTML5, CSS3, JavaScript, JQuery, Bootstrap, JSON Restful, Angular 2/4/6/8/9, AJAX, NodeJS, ReactJS |
| **Testing Tools/Others**: | JUnit, Mockito, Soap UI, SLF4J, Log4j and JIRA  |
| **Platforms**: | Windows, Linux, and Unix  |
| **Web Services**: | SOAP, Microservices, JAX-RPC, WSDL, JAX-RS, JAX-WS, UDDI, JAX-B, CFX, Restful |
| **Databases**: | Oracle, SQL-Server, MySQL server, MS SQL, IBM DB2, MongoDB, NoSQL, Cassandra |
| **Web/Application Servers**: | Apache Tomcat, IBM WebSphere, Web logic Application server, JBOSS, Camel  |
| **IDE/Tools**: | Eclipse, IntelliJ, Spring Tool Suite (STS), RAD, Adobe Dreamweaver |

**Professional Experience**

**Senior Java Full Stack Developer**

**Client - UHG, Minnesota, MN Aug 2021 to Present**

**Responsibilities:**

UI:

* Implemented React container and presentational components
* Involved in an Agile based approach with Scrum for UI Development.
* Developed JSP's in conjunction with JavaScript and AJAX to make the HTML pages more user-friendly.
* Used React flux to polish the data and for single directional flow.
* Researching J**avaScript based frameworks like React Native and Ionic/Cordova for frontend.**
* Used React JS for templating for faster compilation and developing reusable components.
* Developed **UI using HTML, CSS3, XHTML and JavaScript, Angular JS framework** to simplify the complexities of the application.
* Implementation of **AngularJS to build UI and its integration with Spring framework.**
* Experienced in building responsive, scalable, and modular UI components and services with Angular 12, using its powerful features such as dependency injection, reactive programming, and lazy loading.
* Familiar with the latest enhancements and features of Angular 12, such as the new Ivy renderer, improved performance, stricter type checking, enhanced form validation, and more efficient build and deployment processes.
* Implemented the Drag and Drop functionality using React-Draggable

CI\CD Pipeline:

* Experience in Java **Authentication and Authorization using Spring Security.**
* Involved in writing SQL queries using TOAD.
* Primarily focused on database and maintenance. Wrote **SQL scripts to create triggers and stored procedures**.
* Designed and developed persistence layer built on **ORM framework and developed it using Hibernate**.
* Used custom persistence mechanism to execute queries and J**PA to create, retrieve, update and delete operations.**
* Implemented Business Logic using POJO's and used **WebSphere to deploy** the applications.
* Used Value Objects generated from tables to map to their corresponding classes (ORM).
* Interact with the Project Manager to provide a timeline for different phases in the projects and to interact with the client team to convey the progress.
* Implemented **Singleton and MVC Design Patterns** in developing the application.
* Extensively used core java concepts like **Multithreading, Collections Framework, File I/O and concurrency.**
* **Deployed Microservices as Restful Java Web Services on Amazon Elastic Beanstalk.**
* Created various Spring boot and Spring batch applications to connect them to various databases and created queries to retrieve data and modify the tables for the databases.
* Utilized JavaScript Escape before inserting untrusted data into JavaScript data values.

Spring and Micro Services:

* Utilized JavaScript Escape before inserting untrusted data into JavaScript data values.
* Design, develop, test and maintain the application built on **Spring, and Hibernate-JPA**.
* Design and implement an application using **Dispatcher Servlet, Dependency Injection, Spring Boot, Hibernate annotations, Spring AOP, Spring Security**.
* Developed **Database Access Objects (DAO)** using the Spring Hibernate Support and using **Hibernate Query Language (HQL).**
* Applied Spring Framework for transaction Management and **Spring JDBC for building ORM and for AOP and Dependency Injection.**
* Design and develop the application using MVC and Spring frame works including **Spring Beans, Spring AOP and Spring Boot.**
* Created various **Spring boot and Spring batch applications** to connect them to various databases and created queries to retrieve data and modify the tables for the databases.
* Demonstrated experience in developing robust and scalable applications using Core Java, including proficiency in Java 8 or later versions.
* Used Agile practices and Test-Driven Development techniques to provide reliable working microservices early and often.
* Utilized **prepared and callable statement parameterized queries** to prevent SQL Injection.
* Used Hibernate and Spring JDBC to connect to oracle database and retrieved data.
* Used XML technologies like **XPath, XSLT and JAXB for data exchange and presentation.**
* Involved in developing **UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, JavaScript, JQuery, AJAX and Angular 8/ 9.**

Web Services:

* Used **RESTful, WebServices for Data Exchange** (send/receive appeal case information, filings, documents, etc.) with external agencies.
* Developed **Rest Web Services using Spring MVC** and migrated few services from servlets to SpringMVC.
* Deployed applications into **Continuous integration environments like Jenkins** to integrate and **deploy code on CI environments for development testing**.
* Optimized a large-scale data pipeline using Scala and Apache Kafka, reducing latency by 75% and increasing throughput by 50%.
* Designed and implemented a distributed data processing system using Apache Spark and Scala, resulting in a 50% reduction in processing time compared to the previous system.
* Migrating existing application into **REST based Microservices to provide CRUD** capabilities using Spring Boot.
* Designed and developed the **REST based Microservices** using the **Spring Boot, Spring Data with JPA.**
* Developed Web services for sending and getting data from different applications using REST.
* Built applications for scale using **JavaScript and NodeJS**.
* Integrated **ActiveMQ and spring JMS API** to send and receive messages for the application's Restful API.
* Installed **Kafka on the cluster** and configured the producer and consumer coding part in java to establish a connection from source to **HDFS with popular hashtags.**
* Worked on **Kafka system with multiple brokers**: Using Java application for **publishing messages to Kafka system** and data is being consumed and same as well for any kind of NodeJS application
* Used Microservice architecture, based services interacting through a combination of **REST and leveraging AWS to build, test and deploy Identity Microservices.**
* Developed consumer-based features and applications using **Python, PySpark Django, HTML, Behavior Driven Development (BDD) and pair-based programming.**
* Maintained all documents of **Oracle database operations**. Prepared documentation of database backup and recovery standards
* Worked with **OpenShift platform in managing Docker containers and Kubernetes Clusters**.
* Involved in deploying systems on **Amazon Web Services (AWS) Infrastructure services EC2**. And utilized most of the AWS services like S3 as a data store for storing the files that falls into the bucket, IAM roles, Elastic Beanstalk, generated Lambda Functions to trigger an event that occurs in S3, Code Commit as a Version control service, AWS Cloud Watch.
* Deployed S**pring Boot based micro services Docker container using Amazon EC2** container services and using AWS admin console.

**Environment**: Agile, Spring Boot, Springs (IOC, AOP, JDBC) Frameworks, Node JS, Microservices, HTML, CSS, JavaScript, JQuery, AJAX and Angular 8/9, Angular 12, XML, DAO, POJO, JPA, Core Java, JSP, Hibernate Framework, AWS, RESTful Web services, SOAP, Maven, WebSphere Application Server, Apache Kafka, Jenkins, Mongo DB, NoSQL, Jenkins, JIRA, Selenium Web Drivers, Docker, Kubernetes, Protractor, GIT, Socket Programming.

**Sr. Java Full Stack Developer**

**Client - Lowe’s, Charlotte, NC Jun 2019 to Jul 2021**

**Responsibilities:**

* Implemented micro services using **Spring boot, Spring Cloud, Spring Microservices, and enabled discovery using Netflix eureka server.**
* Performed complete application life cycle function (SDLC) from conception to final release to users including **design & analysis, Implementation, Testing, Deployment, and Maintenance.**
* Followed Agile methodology throughout the project, involve in Scrum meetings with the team members on day-to-day basis for the update on project status.
* Experienced in web applications development using **Django/Python, Flask/Python and Node.js, Angular.js, DOJO, JQuery while using HTML/CSS/JS** for server-side rendered applications.
* Used Multithreading to simultaneously process as and when a specific user data is completed in one table.
* Designed the login portal using framework **AngularJS 4.0 along with HTML5, CSS3 and Type Script.**
* **Implemented with XML, XSLT, XPath and Web services (REST & Soap).**
* Used **Java 1.8 Lambda expressions and Stream API** to support functional-style operations on streams of elements.
* Worked with **Angular.js routers, forms, modules, DOM, expressions, controllers, filters and Http Request.**
* Configure and run gulp tasks in **Node.js** runtime and handle injection, **CSS pre-processing, test-running.**
* Created Typescript reusable components and services to consume REST API's using Components.
* Good understanding of REST API's extensive experience of integrating services via Ajax using JavaScript, jQuery, and Angular.js.
* Java jdbc connections for hive archiving data from traditional RDBMS (oracle, mysql) to HIVE ON HDFS using hive2 jdbc drivers.
* Proficient in applying core java concepts to design and implement efficient and maintainable Java code.
* Implemented spring boot micro services to process the messages into the **Kafka cluster setup**.
* Used **Spring Kafka API** calls to process the messages smoothly on **Kafka Cluster setup**.
* Have knowledge on partition of **Kafka messages** and setting up the **replication factors in Kafka Cluster**
* Deployed production site using Apache 2.0 with mod python.
* Extremely used plain JavaScript and j**Query, JavaScript Library** to do the client-side validations.
* Used spring framework 4.3 to create the beans needed and injected dependency using Dependency Injection.
* Implemented the persistence layer using **Hibernate-ORM**. Worked on **Spring Web Flow on Spring MVC** for building flows in our web application.
* Exported tabular data to **RDBMS using SQOOP**.
* Implemented and developed Hibernate configuration and session-per-request design pattern for making database connectivity and accessing the session for database transactions respectively.
* Implemented presentation layer using **Spring Boot 1.3, J-Query and Bootstrap 4.0.**
* Extensive involvement in developing **Spring MVC, Spring Data and Spring Batch applications.**
* Utilized **Spring core, Spring Boot, JPA, and Hibernate 5. Developed Entity objects** and used Hibernate the ORM tool to access persistent data from **MySQL**.
* Designed and implemented the application using MicroService Architecture for its various distinct advantages like loose coupling and design patterns.
* Microservices have been built using Spring boot, Spring security and deployed to AWS cloud.
* Used **AWS SDK for connection to Amazon S3 buckets** as it is used as the object storage service to store and retrieve the media files related to the application.
* Designed and developed database objects like Tables, Views, Stored Procedures, User Functions using POSTGRES, Oracle SQL developer and used them in WEB components.
* Configured the **Docker Containers and creating Dockers files** for different environments.
* Experience in using **JUnit and build tools such as Maven**. Worked on Log4j for logging errors, messages and performance logs and SVN for version control.
* Experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts.
* Maven used to manage dependencies in the application and deploy it on **JBoss Application server**.
* Developed unit testing frame work using **JUnit test cases for continuous integration testing.**
* Working on **Continuous Integration (Jenkins)** to configure the project jobs to build on daily/weekly basis.
* Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking.
* Used GIT as a version control system and deployed the application in Production
* Extensively Worked on Continuous Integration and Continuous Deployment (CI/CD).

**Environment**: Java 1.8, Node.js, React.js, Angular.js2, Angular 7, Spring MVC, Spring Boot, Micro services, Elastic Search, Docker, AWS, jQuery, Java Script, My SQL, STS, GIT, Jira, Mongo DB, OAuth2, LDAP, JWT. Nginx, Tomcat, WebLogic, Oracle, Spring, Hibernate, JMS, EIS, Thread pooling, Core Java, JPA, Caching, Struts, Jpoller, SOAP, JS, Ajax, CSS, Maven.

**Sr. Java Full Stack Developer**

**Client - DXC Technology, Ashburn, VA**   **Apr 2017 to May 2019**

**Responsibilities:**

* Used Java8 features in developing the code lik**e Lambda expressions, creating resource classes, fetching documents from database.**
* Designed and implemented the user interface using HTML5, CSS3, JavaScript and AngularJS.
* Developed Hibernate mapping files using different mapping strategies such as table per class hierarchy and also used Hibernate Persistence Strategy to interact with databases.
* Implemented filters for user authentication and **user authorization by Spring Security**
* Created Buckets in AWS and stored files. Enabled Versioning and security for files stored
* Used RESTFUL client to interact with the services by providing the **RESTFUL URL mapping**
* Deployed the application in **WebSphere Application Server and Configured JMS** in the WebSphere application **server to send messages on the queue**.
* Responsible for developing applications for improving platform performance doing automated backups using an XML configuration file for the client's projects running on the platform which supports multiple DBMS vendors **Oracle, MySQL and PostgreSQL.**
* Developed Controller for request, response paradigm by **Spring Controllers using Spring-MVC. Used JSON as response type in REST services.**
* Migrating existing applications into micro services architecture using **Rest APIs, spring boot, Spring Cloud.**
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and **Persistence using Spring AOP and Spring Actuator.**
* Migrated the current Linux environment to AWS Linux environment and used auto scaling feature and Involved in Remediation and patching of Unix/Linux Servers.
* Used NPM to manage server-side packages.

**Environment**: Java 8, Core Java, J2EE, Spring, Hibernate, AJAX, Oracle 11g, Web Services, AWS, Agile, REST, XML, SOA, WebSphere, JavaScript, Angular JS, NodeJS, Bootstrap, JQuery, JBOSS, JUnit, GitHub, SQL, MongoDB, ReactJS, JMS, HTML5, JSP, Apache Camel, Maven and SVN.

**Java Developer**

**IK Solutions Hyderabad, India Aug 2012 to Nov 2015**

**Responsibilities:**

* Involved in **Design, Development, Testing and Integration of the application.**
* Implemented the Consolidated applications front-end pages using **JSP, JSTL, and Struts Tag Libraries.**
* Involved in developing **UI layer using JavaScript, JQuery, and AJAX.**
* Developed using simple Struts Validation for validation of user input as per the business logic and initial data loading.
* Writing stored **procedures, Packages, Views, Cursors, Functions and triggers using SQL**in the back end.
* Used Hibernate for Object Relational Mapping (ORM) and data persistence.
* Created and implemented Oracle Stored Procedures, Functions, Triggers and complex queries using SQL.
* Worked with Java Messaging Services (JMS) for reliable and Asynchronous Communication.
* Used log4j for logging and SVN for version control.

**Environment**: Java, JSP, Struts, Spring, SOAP Web services, SOA, JavaScript, CSS, XML, JAXB XHTML, XSLT, JMS, MQ, Ajax, Hibernate, EJB, Log4j, Oracle 9i, Web Sphere, Eclipse, UNIX.

**Education:**

**Bachelors**

Field  : EEE

Univ/College: Jawaharlal Nehru Technological University Hyderabad

Location  : Hyderabad, India

Start date : 2009

End date  : 2013

**Masters**

Field  : Master's in Applied Computer Science

Univ/College: Northwest Missouri State University

Start date  : 2016

End date  : 2018