**NAME:** **LAVANYA C**

**PHONE NO: 608-709-6414**

**EMAIL ID: lavanya8091@gmail.com**

**PROFILE:**

* **Over 7+ years** of professional experience in IT Industry involving in various phases of Software development including **system analysis, design, development, testing, implementation** of web-based applications using **JEE** architecture.
* Goal Driven Developer with comprehensive understanding of various software development approaches such as **Waterfall,** **Agile** methodologies.
* Multi-cultured Team Player with complete flexibility to work independently as well as in a team and have quick grasping capabilities to work with the newly emerging technologies.
* Expert in Software Requirement Specification Documentation and gathering all the requirements related to product.
* Excellent analytical, logical and programming skills, Self-Motivated, Self-Starter, Team Player can work with effective Communication skills.

**EXPERTISE AND SPECIALIZATION:**

* Experience in front-end development using **HTML**, **CSS**, **Bootstrap**, **JavaScript**. In depth knowledge of **Web**/**GUI** development using **HTML**/**JSP.**
* Expertise in implementing applications with **Model-View-Controller (MVC)** pattern using **Struts** frames work and **Spring MVC**.
* Experience in **Java, J2EE** technologies, **SERVLETS, JSP, JMS, JDBC, JNDI** and **JavaBeans.**
* Experience in Apache **Struts** Framework and **Tiles** Framework.
* Excellent knowledge and implementation of **Spring,** **JSF** and **Hibernate**.
* Having hands on experience on web & application servers like **WebLogic, WebSphere, Apache Tomcat** and **JBoss.**
* Proficient in implementing various **Java/J2EE design patterns** including **Singleton, Factory, MVC, Front Controller, DAO.**
* Expertise in using **Core Java** Collection API, Generics, Annotations, Reflection API, multi-threading, concurrency for application development.
* Hands on experience using **ANT, MAVEN** build tools as well as version control using **SVN/Subversion**, **BitBucket**, **Git** and good knowledge in CVS.
* Experience in **configuring** and **deploying** java web applications (**WAR** and **EAR**) on **Web logic, JBoss** and **Tomcat**.
* Hands on experience in using **Agile Development Methodologies** and **Test Driven Development**
* Expertise in **Oracle, MySQL** and **DB2** Databases and good understanding of **AWS**.
* Knowledge on **Angular JS and** good understanding of front end understanding of frameworks like **ReactJS**, **NodeJS** and **NPM**
* Excellent knowledge in **JIRA, JEKINS, BAMBOO** and Quality Case (QC) tools
* Extensive experience in **Oracle (8i/9i/10g)** **SQL, PL/SQL, Database Design, JDBC Programming**.
* Experience in writing **SQL Queries including Joins, Stored procedures and Views.**
* Specialization in the **JMETER** and area of **Unit** & **System Level Integration** **Testing.**
* Proficient in building **REST** services using JAX-RS specification, Spring Boot and **JERSEY** framework.
* Proficient in using **Object Oriented Programming** (**OOPS**) for building **n-tier architecture** systems with hands on development expertise in front-end UI layer, application layer including middleware and core business frameworks and back-end database layer integration.
* Extensive work experience on **Windows, LINUX** and **UNIX**.s
* Quick Learner, highly motivated team player with zeal to learn new technologies and always believes in giving the best of efforts in challenging environments.
* Able to demonstrate excellent oral and written communication skills, exceptional follow through and organizational abilities and finally, last but not least, a positive teamwork attitude.

**EDUCATION:**

* **Bachelor’s in Electronics and Communication Engineering**

JNTUKAKINADA, India GPA: 3.9/4

* **Master’s in Electrical Engineering**

Texas A&M Kingsville (2015-2016) GPA: 3.9/4

**TECHNICAL SKILLS**

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| **Programming Languages** | C, C++, Core Java, Java EE |
| **Web Technologies** | HTML, XML, CSS, DHTML, Servlets, JSP, Struts, Spring, Hibernate. |
| **Databases** | Oracle 10g, MySQL, MS Access |
| **Operating Systems** | Windows XP/Vista, Unix. |
| **Scripting Languages** | JavaScript. |
| **Java Technologies** | Core Java, JSP 8, Servlets, JMS, JDBC, JNI, JSF. |
| **Design Tools and IDE’s** | Netbeans, Eclipse, My Eclipse, IntellijIDE, STS |
| **Web/Application Servers** | Apache Tomcat, WebLogic, JBoss Application Server, IBM WebSphere Application Server. |
| **Open-Source Technologies** | Struts, Spring, Hibernate, Ant, Maven. |

**CERTIFICATION**

* Oracle Certified Java Programmer.

**PROFESSIONAL EXPERIENCE**

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| **Client: Anthem Inc. MASON, OH Mar2018 – Till Date**  **Role: Java Developer** |

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) using Agile Methodology and attended various Scrum meetings.
* Worked under Claims Domain in health care.
* Developed application using **Spring Boot** framework and used complete Java annotation approach to configure spring beans.
* Used **spring** for business layer classes. Involved in developing code for obtaining bean references from Configuration file.
* Implemented **Swagger** Configuration in Java **Spring boot** for auto generating swagger json files for REST API calls.
* Involved in making visibility of communication between components by service agents and portability of components using **RESTful web services**.
* Responsible for developing **Hibernate** configuration file to configure the data base drivers, connection pooling, session management and mapping files to map to database tables.
* Hibernate as DAO by linking up with backend Database with Micro service as architectural model using docker container.
* Enabled intermediate processing by constraining messages, reduces the complexity of connector semantics, improves the effectiveness of performance tuning by using **REST**.
* Implemented exception handling in spring boot for REST API, by making use of Exception Handler and Controller Advice annotations.
* Developed modules that integrate with web services that provide global information support such as Broker and account management.
* Using **Spring Batch** Framework for generating reports in CSV format for large amount of data available and worked on micro service architecture in insurance products by designing as separate REST APIs.
* Tested Rest API calls in Spring-Controller at backend for JSON data using **Postman** and **SOAP-UI.**
* Developed Rest Web Services which involves in performing the **CRUD** operations over NOSQL Database **MongoDB**.
* Worked on cache management from XC10 to REDIS and storing key and value pairs by using **Redis** hasing mechanism.
* Designed **SOAP** Web Services by using spring boot configuration and integrated DB by using **QueryDSL**.
* Worked on **Bit Bucket** as version controlling tool and configuring **Source tree** GUI tool for git repositories.
* Used **Bamboo** tool for continuous integration, deployment, and delivery which allows automatic built-in bit-bucket branching flows.
* Utilized **SPLUNK** logging API for debugging and monitoring purposes and would be very useful to track the logs whenever the service is down.
* Involved in migrating WAS projects to dockerized ones and involved in monthly release activities and PI iterations.
* Using **JQUERY, JSON, AJAX and DOM** scripting to create interactive web applications like message posting and autocomplete form validations.
* Participated in the **application architecture** **development** solutions that fulfill the business requirements of the project. ​
* Involved in **troubleshoot technical issues**, **conduct code reviews**, and enforce best practices and department development policies. ​
* Able to create complex JIRA workflows including project workflows, screen schemes, permission scheme and notification schemes in **JIRA.**
* Worked with **JIRA** for debugging, fixing and testing the existing bugs in the JavaScript Framework and adding new features to the application.
* Used **Web Sphere Application** for deploying various components of application. Involved in **UML** Modeling feature in IBM **Rational Software architecture (RSA**)

**Environment**: Java 1.8, Spring boot, JDBC, Spring batch, Java Script, Splunk, Log4J, Scrum, Junit, Apache tomcat, DAO Design pattern, JIRA, Bamboo, Bit Bucket, Hibernate, Swagger, POSTMAN, SOAP-UI.

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| **Client: INTUIT Inc. Plano, TX August 2016 –Feb2018**  **Role: UI / JAVA Developer** |

**Responsibilities:**

* Followed **Scrum** Agile methodology that included iterative application development, Bi-weekly Sprints, stand up meetings and customer reporting backlogs.
* Worked on **PTO (Pro Connect Tax Online)** for **GIFT** tax module using intuit internal web internal tool called Fuego Web Player which is totally built on **React JS**.
* Used **OOPS** concepts like multi-threading, inheritance, polymorphism and collection API for conversion of legacy code to **JSON** format.
* Developed Error Check Nodes which are used to recognize errors in Tax calculations in Gift Module.
* Involved in creation of Configurations using Java8 features, Lambda expressions, Streams, filters and developed test cases for unit testing in the integration layer using **Mockito** framework.
* Designed UI templates using JSON based on Fuego Technology to retrieve all those JSONs on UI Side of PTO which has been designed using **React JS**.
* Got Good understanding of **React JS** by interacting with Fuego Player.
* Configured to have different error pages for different exceptions and handling them easily by the use of the exception interceptor and maintained perfect exception handling.
* Worked on XML marshalling and unmarshalling in Java using JAXB.
* Developed Java and **Node JS** internal auto-generation tools to transfer large-scale **XML** file to large-scale **JSON** file.
* Worked with **NPM** commands and using package.Json for managing dependencies and dev-dependencies of **Node JS** applications.
* Utilized various **JavaScript** librariesand other interactive features and worked on ECMA Script 6 features in internal tools.
* Involved in using JNI framework in order to integrate the functionalities between existing java and C++ code for TKE calculations.
* Used **JSON** for storing and exchanging information between browsers and servers and developing **XML** classes for loading the data from XML files deployed at the server.
* Worked on **N-tier** architecture systems with application system development using Core Java concepts like Multithreading, Concurrency, Collection API, Generics, Annotations, an.
* Coordinate/assist developers with establishing and applying appropriate branching, labelling /naming conventions using **GIT** source control.
* Used **Perforce** and **Source Tree** as one of version control tool.
* Coded **JUnit** test cases to test the application and performed random checks to analysis the portability, reliability and flexibility of the project and used **Log4j** for tracking errors and debugging the code.
* Performed **Jenkins** jobs for Releasing product enhancement after quality sign off to end to end testing environment and then to production environment.
* Used **JIRA** for Story tracking and Confluence for project documentation.
* Helped in fixing bugs and also carried out troubleshooting and actively participated throughout the entire software development lifecycle from project inception to code development and elaborate testing of the various modules.

**Environment:** Java 1.8, JavaScript, React JS, Source Tree, Node, JMS, XML, REST, JSON, GIT, Node-JS, JMS, Mockito, Jasmine, Karma.

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| **Client: JNIT Technologies, Dallas, TX Dec 2015 – July2016**  **Role: Java / UI Intern** |

**Responsibilities:**

* Extensively involved in the development of various modules in the application using **Agile Scrum** fashion.
* Involved in developing **ORM** mappings using **Hibernate** and involved in setting up the **Hibernate** transaction manager with **Spring**.
* Designed and documented REST/HTTP APIs, including JSON data formats and API versioning strategy.
* Worked on **Oracle** as the backend database and integrated with **Hibernate** to retrieve **Data Access Objects.**
* Involved in writing **HQL** queries for implementing the persistence through Hibernate.
* Wrote JQUERY function while implementing various basic UI Screens in CRUD application
* Responsible for interacting client server and cacheable communications and involving in request headers, query string parameters using **REST** API web service.
* Responsible for developing **Hibernate** configuration file to configure the data base drivers, connection pooling, session management and mapping files to map to database tables.
* Supported for transitive dependency management without the need for remote repositories by working with **GRADLE** supporting tool
* Involved in implementing TDD functionality and agile methodology having Scrum meetings and two-week sprints of extreme programming in software development life cycle.
* Configured Clustering of **EJB** objects, JDBC connections and JMS connection factories.
* Used Internalization, Localizations, tiles and tag libraries to accommodate for different locations.
* Involved in setting up **Jenkins** **Gradle** Builds and took part in deploying the applications to **AWS** cloud environments.
* Used **GIT** as version control and **GIT Bash** for repository interactions.

**Environment:** Java 1.8, HTML 5, JavaScript, CSS 3, Spring, Hibernate, Oracle, NO-SQL, Mongo dB, WebSphere, JMS, UML, AngularJS, SOAP, JSON, GIT, Gradle, AWS, Jersey, Node-JS, JMS, RSA, Bootstrap, Jasmine, Karma, Protractor.

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| **Client: BENED SOFTWARE, Hyderabad July 2012 – Dec 2014**  **Role: Java Developer** |

**Responsibilities:**

* Developed web applications using the Struts web framework that extends the Java Servlet API and employs a Model, View, Controller (MVC) architecture.
* Provided support to **POJO** based actions, Validation Support, **AJAX Support**, Integration support to various frameworks such as Hibernate, Spring etc.
* Configured to have different error pages for different exceptions and handling them easily by the use of the exception interceptor and maintained perfect **exception handling**.
* Implemented the **Spring Dependency injection** in the project for the business logic.
* Developed JSF and JSP pages, built **EJBs** to handle the business logic and built Hibernate DAOs to interact with Oracle Database.
* Rendering the web pages, executing java Servlets, involving in deploying and testing the application using **Apache Tomcat** server.
* Developing application using **Spring MVC**, **Dependency Injection** to improve usability and flexibility.
* Developed user interface using HTML, Java script and CSS.
* Extensively used **AJAX** getting the data from the backend which is in the **JSON** and Created the **HTML** pages in the JSP format.
* Performing **quality checks** on code and make sure to meet quality standards and preparing deployment instruction documents for testing and production environments.
* Utilized **Log4J** logging API for debugging and monitoring purposes and Worked on **CVS** tool for check in and committing purposes
* Daily **Scrum** meetings stand up calls with the client to discuss the work status and iterations of the project.
* Developed **Junit** test cases for test coverage of the application and **ANT** for building integration of the application by performing **Unit-Level** testing and **Integration** testing.
* Coordinated with the QA team during the process of making the code move to the staging server and testing the application for the several test cases and defect testing.

**Environment**: Java 1.6, Spring MVC, JDBC, JSP, Java Script, CSS, HTML, Log4J, Scrum, Junit, Apache tomcat, DAO Design pattern, CVS, ANT