**Sai Lakshmi**

Java Developer

**Professional Summary**

* Over 7 years of experience working with distributed **n-tier**applications using **Java**and **J2EE** technologies in areas such as Financial Services, Insurance and HealthCare.
* Expertise in distributed, secure and scalable application development using **Java 1.8** and **Java/J2EE** technologies like **Servlets, JSP, JDBC, Struts, Hibernate,Spring Core, Spring Boot, Spring MVC, Spring Security, Web Service Development** (using SOAP and REST).
* Experience in building web based UI applications using **Angular 5**, **Node.js, Bootstrap**, **jQuery, HTML5**, **CSS**, **JavaScript**, **JSON**.
* Designed **Responsive web design (RWD)** using **bootstrap.**
* Experience in all aspects of **Angular 5** like Routing, Modularity, Dependency Injection, Service calls and custom directives for Single Page Applications (SPA) using MVC architecture.
* Working knowledge in various **design patterns** including Singleton, Factory for building J2EE applications.
* Experience in building web applications using **Spring Framework** features like **MVC, AOP** (Aspect Oriented Programming), **IOC** (Inversion Of Control), **Spring Boot, Spring core, Spring Batch, Spring Security.**
* Hands on experience in Core Java like **multi-threading**, **collections**, **interfaces**, **synchronization**, **exception handling.**
* Experience in message oriented middleware implementation using **JMS** and **Solace**.
* Implemented **SOA** architecture with **web services** using **REST**, **SOAP, WSDL** and **XML.**
* Well versed with in **XML** technologies XSD, DTD, XSLT, XPATH, DOM, JAXP, XML-RPC.
* Experience in using **JMS Messaging, Web sphere MQ, Mule ESB and Apache Kafka** for message oriented web applications.
* Experience working with **Amazon Web Services** (EC2, S3, RDS and EBS),Elastic Beanstalk.
* Working knowledge with database modeling and development using **SQL** and **PL/SQL** in **Oracle (8i, 9i and 10g), SQL Server** environments and No-SQL databases like **Mongo DB**.
* Hands on experience in installation, configuration and tuning web servers **Apache Tomcat** 5.x/6.x**, Web Logic**.
* Worked on testing frameworks and libraries like **JUnit,Jasmine**, **Karma** and logging tool **Log4J.**
* Developed J2EE applications using IDE’s like **Eclipse, IntelliJ and Net beans.**
* Maintained source control using **GitHub, Source Tree, SVN, CVS** and **Subversion**.
* Utilized various tools during the development and deployment such as **Jenkins, Maven, Ant**, **JIRA.**
* Implemented projects using **Agile,Test Driven Development (TDD)** methodologies.
* Versatile team player with good communication, analytical, presentation and inter-personal skills.

**Skill Set**

**Core Technologies** J2EE, JSP, Servlet, Web Services, JDBC, MVC, jQuery, CSS, JavaFX.

**Java Frameworks** Struts, Tiles, Spring, JSF, Hibernate, JUnit, ANT, Play, AngularJS, Angular 6.

**IDE / Tools** IntelliJ, Eclipse, RAD, Toad, OEPE, STS.

**Languages** Java, J2EE, C/C++

**Script Languages** HTML, JavaScript, ECMA Script, XML, SAML, Angular JS, node.js.

**Application Servers** IBM Websphere, BEA Weblogic Server, JBoss, Apache Tomcat, Pluto.

**Databases** Oracle 11g, 12C Mongo, MS SQL Server, MySQL, DB2.

**Operating System** Windows XP, 7, Linux, UNIX, Mac OS and iOS.

**Design & Control** UML, Rational Rose, CVS, ClearCase, Starteam, Git, SVN

**Education:**

Bachelor of Technology in Computer Sciences from Jawaharlal Nehru Technological University, Kakinada. India.

Master of Science in Information Security from Wilmington University, Delaware, USA.

**Professional Experience:**

**Kroger Pharmacy- Charlotte, NC June 2019 to Till date**

**Role: Java Developer**

**Description:**

EPRN – Enterprise Pharmacy Retail Network is a one package for everything that happens in Kroger pharmacies from receiving a prescription to processing the prescription and to make it ready for pickup including inventory management, order management and warehouse management, the application manages everything that happens in a pharmacy on the day to day basis. EPRN is a very robust application which is used in the POS system of the Kroger pharmacies and is developed in java.

**Responsibilities:**

* Designed and developed various modules of the application with **J2EE design architecture, Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.**
* Wrote application front end with **HTML, JSP, Ajax jQuery, CSS**, **Bootstrap.**
* Built applications using **Angular 5 single page applications** to improve page performance and minimize the changes on the page using **Route**. Developed reusable components using **Custom Directives** andused **Observables.**
* Developed entire application on **Java Swings.**
* Involved in development and testing core components using **multi-threading.**
* Developed web-side services using **Spring MVC** and created **RESTful API Web Services.**
* Involved in writing Object Relation Mapping implementation using **hibernate** and hibernate mapping configuration files.
* The application flow is designed and developed using **spring framework** and **JSF.**
* Implemented session beans using **EJB 3.0.**
* Implementing **MVC** pattern and concepts of **data-binding,two-way data binding** and **Services** for **dependency injection** in **Angular 5**.
* Used **JavaScript, jQuery** for user interactions in pages.
* Designed Prototype and project layout skeletons using **NodeJS, jQuery and CSS and HTML5**.
* Deployed the web components into the **Web Sphere application server.**
* Implemented features like logging, user session validation using **Log4j** and **Spring-AOP module**.
* Implemented control tools like **GIT, SVN and data modeling.**
* Creating environment for user-acceptance testing and facilitating Integration and User Acceptance Testing with **JUnit.**
* Exposed and consumed **REST** based **Web Services** to communicate between systems.
* Responsible for release of code into production and its integration with other applications.
* Code Reviews, customization and maintenance of code across applications.
* Developed build Scripts using **Maven** to build and deploy the application.
* Used **putty,** to check the server instances and log files.
* Working on **Apache Tomcat** and **Web Logic** server to deploy and debug the application.
* Wrote **Maven scripts** to automatically save files from remote to local machine.
* Worked on **Oracle** statement caching and database connectors.

**Environment:** Java, J2EE, JDK 1.7/1.8, Swings, Ext JS, Git, Spring 4.x,JBoss, hibernate4.x, SOAP/Rest, JavaScript, UML, Web Services, HTML5, CSS, WSDL, JIRA 5.x/6.x, JBPM 6.3.0, JAXB, Linux, JMS, JSF, Oracle 10g, NOSQL(MongoDB), Angular JS, NodeJS, AJAX, Angular 5, jQuery, JUnit, Maven.

**American Express – New York City August 2018 – June 2019**

**Role: Full Stack Java Developer**

**Description:** American Express Vacations is the exclusive, private-label leisure vacation brand of the American Express Consumer Travel Network, offering an extensive portfolio of premium vacation products. Application consists of multiple websites which can be used by customers, Amex staff and Amex agencies for booking/configuring vacation packages.

**Responsibilities:**

* Involved in **Agile software development lifecycle** which involves designing, coding, testing, debugging and support.
* Developed **Angular 6 directives**, services and utilized **node.js** for dependency management and route resolver for routing mechanism.
* Created **AngularJS Routing** to connect different controller to the view which allows the single-page application.
* Implemented **RESTful** web services and data services on **Node.js**.
* Developed Java utility programs to retrieve data from Oracle using **Hibernate ORM**.
* Created various Action Classes using **Spring MVC** which route requests to appropriate Enterprise Java Bean components and service the request.
* Identified various business processes and developed process flow diagrams for the business processes and validated the same with SMEs.
* Experience working with huge volumes of data, analyzing record sets for Data Quality, Data Validation and Metrics using **SQL and / or PL/SQL**.
* Captured meeting minutes from requirement gathering sessions and additional client meetings and documented the high-level discussion points, decisions and action items.
* Actively involved in walk-through and meetings within team to discuss related issues.
* Developed and deployed java **micro services**.
* Developed source to target mapping documents for multiple subject area.
* Actively involved in meetings with development team to discuss process flow and other development issues.
* Co-Managed the Change Control process for the entire project as whole by facilitating group meetings, one-on-one interview sessions and email correspondence with work stream owners to discuss the impact of Change Request on the project.
* Successfully used Agile/Scrum Method for gathering requirements and facilitated user stories workshop.
* Participate in Daily Agile Scrum "Stand-up", Biweekly Sprint Planning and Retrospective Sessions and update the team on status of upcoming User Stories.
* Work with all members on project teams to ensure clear written and verbal communications.

**Environment**:HTML5, CSS3, Bootstrap3, JavaScript, JBoss, Angular 6, JS, REST, JSON, Node.js, GIT, JAVA, J2EE, Spring MVC, Spring IO, Hibernate, Karma, Eclipse, micro services, DOM, Oracle, JSP, XML, jQuery, AJAX, JMS, ESB, SOA, Unix, Multithreading, Spring Boot, Eclipse, Apache Tomcat, Jenkins.

**Lowes Home Improvement - Mooresville, North Carolina November 2017 – June 2018**

**Java/J2EE Application Developer.**

**Description**: Lowes Home Improvement IT is an ecommerce Customer Facing team that develops large customer-facing features on Web store and mobile from inception to delivery. The customer can login and place orders of various commodities, view the different categories, modify the order, report problems with the services they have. The system is also intended to track the status of the orders and coordinates communication between various applications such as Order, billing and repair. There were totally 13 API’s that includes order, price, product, category etc. each having specific functionalities. The set of APIs provide Omni-Channel support including mobile and tablet.

**Responsibilities:**

* Involved in **Requirement Analysis, Design, Development, Integration, Testing and Deployment** of the Application.
* Involved in developing the application using **Agile** Methodology.
* Developed the application using **JDK1.6, J2EE** technologies such as **Servlets, JSP and JDBC** and frameworks like **Spring MVC, Spring IOC & Hibernate** and used **HTML, CSS** along with **JavaScript** and **JQuery** library in development of User Interfaces.
* Implemented and configured the business objects of an application by using spring modules like **Spring Core, Spring MVC and Spring AOP.**
* Implemented displaying page specific values using **Spring MVC interceptors**.
* Experienced in using **Annotations** in the implementation of the **Spring MVC.**
* Developed the workflow in **Spring Beans** and integrated the data access using **Hibernate.**
* Implemented the **Spring ORM** with **Hibernate** by taking using **annotations**, **auto wiring** and implement the **DAO** layer with Hibernate Entity Manager’s Session Factory, **HQL** and **SQL**.
* Involved in development of **JDBC DAOs** and **DTOs**, using **HQL** queries wrote the **Stored Procedures**, **Prepared statements** and **views** for DAO layer.
* Created common client side validations and **Spring** validations for various modules.
* Used design patterns such as **Factory, Singleton, Business delegate, Session façade, MVC and DAO**
* Developed application **WebServices** (**SOAP** and **RESTFUL**) with **JAX-WS** and **JAX-RS**.
* Expose and consume and generating **RESTFUL** WebServices.
* Used **Jackson** for Conversion of Object to **JSON** and **JSON** to Object in the process of developing the REST WebServices.
* Worked with **Postman** REST Client tool to query HTTP/API’s and analyzed the response.
* Used **SAX** parser for **XML** parsing.
* Created and deployed **micro services** in cloud foundry.
* Used **JAX-B** for **XML Marshalling/Unmarshalling** and **Gson** for **Json** Conversion.
* Performed unit testing using **JUNIT** framework, **Mockito** and **WireMock** frameworks and **SoapUI** tool.
* Using **Maven** build tool created EAR, WAR & JAR files and deployed.
* Used **WebLogic** Server for application deployment in the clustered **UNIX** environment.
* Used **GIT** as Source Version control management system and worked on **GITHUB** repository.
* Implemented the debugging functionality in an application by using Apache **LOG4J** framework.
* Developed the Application using IDE tool **ECLIPSE.**
* Provided application support during the system testing, Joint System testing and user acceptance testing.

**Environment:** Java, Servlets, Java Beans, Spring (DI, MVC, AOP), JDBC, JBoss, Hibernate 3.3.x, SOAP, RESTFUL, JSON, XML, HTML5,CSS AJAX, GRADLE 2.0,micro services, Maven, Continuous Integration, Jenkins, Hudson, Log4j, JUnit, SQL, Apache Tomcat, WebLogic, IBM HTTP Server, Oracle, Jira, Eclipse

**MetLife - New York, NY January 2016 -October 2017**

**Role: Java Developer**

**Description:** The proposed system is the online insurance application. The employers can directly register under the MetLife online and as far as the rest of the process is concerned, the entire processing of transactions is automated. The access of the data is restricted to un-authorized users of the MetLife head office and the branch office. And the official details are kept confidential. The time-lag involved in the manual system is completely wiped out. Registering, declaration by the employees and ultimately the claim, payment is computerized.

**Responsibilities:**

* Involved in Requirements gathering, Analysis and Design of the application.
* Created use cases, class diagrams, and sequence diagrams using Rational Rose.
* Developed web interfaces using **MVC** Architecture.
* Implemented Spring Framework for dependency injection to inject appropriate class objects depending on the source of the application process.
* Involved in Writing Object Relation Mapping implementation using **hibernate** and hibernate mapping configuration files.
* Developed user interfaces using **JSP, AJAX, HTML, CSS, and JavaScript.**
* Worked with **Ajax** to provide natural browsing experience.
* Used **SVN** as the version controller.

**Environment**: Java, Spring MVC, Hibernate, Eclipse, JSP, Ajax, HTML, CSS, JavaScript, SVN, oracle, Junit, java beans, Apache Tomcat.

**Legal Craft solutions-India Feb 2013 to Dec 2015**

**Java Developer**

**Description:**  Clinical Web Services (CWS) provides web services for 200 different applications that are used by Heath e pass. All the services are grouped based on the priority and are used for extracting the data needed by the applications for their research and labs that work on immunizations.   
**Responsibilities:**

* Participated in the sprint review meetings and explained the technical changes to the clients.
* Interfaced with the back-end using **Hibernate Framework** and **XML**.
* Developed **AJAX** scripting to process server-side **Java Server Pages (JSP)** scripting.
* Developed programs in **JAVA** to read **XML** files and populate the database using XML parsers.
* Developed Web services to communicate to other modules using XML based **SOAP and WSDL** protocols.
* Used **ANT** scripts to build the application and deployed on **Web Sphere** Application
* Server.
* Wrote services to store and retrieve user data from the Database for the application on devices.
* Developed the internal application using **Angular JS** and connecting to Oracle on the backend.
* Developed **REST/HTTP APIs** and used **JSON** file as communication between java object and UI.
* Developed test cases for unit testing before the QA release.
* Involved in writing the test cases using **JUnit** and documenting the business case scenarios for all the developed interfaces.
* Developed a fully functional prototype application using **JavaScript** and **Bootstrap**.

**Environment:** Core Java, Apache Axis, Spring, Hibernate, Bootstrap, Struts, Angular JS, AGILE/SCRUM Methodology, JavaScript, jQuery, JSON, XML, XSL, WSDL, Log4J, JUnit, SOAP UI, Oracle