SRAVANI **PH:** (515) 309-2734
SR. UI/J2EE FULL STACK DEVELOPER **EMAIL:** saiteja@theegiants.com

PROFESSIONAL SUMMARY:

- **8+ Years** of experience in analysis, design, implementation and testing of Object Oriented Applications in Client/Server environments using **Java/J2EE** and UI technology stacks.
- Experience working with various **methodologies** based on **Agile, Scrum**, **Waterfall Model**, **TDD**, **Iterations.**
- Proficiency working with frontend frameworks such as **jQuery**, **AJAX**, **JavaScript, Node.js, ExpressJS, ReactJS, BackBoneJS, AngularJS, Angular2.** Also used **Grunt js, Gulp Server, Yeoman Generator** for **AngularJS.**
- Expertise in design and development of various web and enterprise-level applications using **Java/J2EE** technologies.
- Experience in developing entire frontend and backend modules using **Python** on Django Web Framework on **MySQL**.
- Experience with Java EE design patterns such as **MVC, Singleton, Session Facade, DAO, DTO**.
- Strong experience in **JSF, Struts** and **Spring Framework modules such as Spring MVC, IOC, AOP and Spring JDBC, Spring JTA, Spring IO, Spring Boot with Thymeleaf** and Spring Security Framework for User Access Management.
- Strong understanding of **Microservice** patterns – **Hystrix, Aggregator, Proxy** chaining.
- Developed applications using latest technologies like **EJB3.0, Spring Boot, Hibernate3.2/4.x, and REST based Web services (axis2.0, JAX WS 2.0), Rule Engines (Drools4.1, ILOG), XML API** and tools.
- **Experienced in Middleware persistence framework** like **Hibernate/JPA** for mapping Java classes with database and using **HQL, Named Queries, Transactions, Cache, Criteria, Projections**.
- Experience in working with **Service Oriented Architecture,** that includes (**UDDI**) lookups & (**WSDL**) using **SOAP**.
- Analyzed, developed and implemented various Design patterns (**Session Façade, Value Object, DAO, DTO, Command, Singleton, Factory, Adapter, MVC, Service Locator** etc.) using J2EE technologies.
- Experience in configuring and deploying the applications on **Tomcat**, **WebSphere**, **WebLogic** and **JBoss** Servers.
- Experienced in writing **complex SQL queries, procedures**, **Triggers** and **Stored Procedures** in various databases such as **Oracle**, **DB2 MySQL and Sybase**. **Also,** extensively worked on **NoSQL Databases like MongoDB** and **Cassandra.**
- Experienced in integration, deployment and building using tools like **ANT**, **Maven, Jenkins, Kubernetes & Docker**.
- Experience in debugging and logging using the log framework - **log4j** and analysis and reporting with **Splunk**.
- Experience in **JUnit** frame work with **Mockito** and **Power Mock**, SpringJunitRunner.
- Experienced in development using IDE's such as **Eclipse**, **Rational Application Developer (RAD)**, **NetBeans**, IntelliJ.
- Proficient in using **AWS**. Extensive experience focusing on services like **EC2, Elastic Beanstalk, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, Dynamo DB, Lambda.**
- Good Knowledge in **Apache Active MQ Series** with **Apache Camel, JMS, Kafka** messaging queues.
- Experience in using different version controlling/tracking systems **Subversion**, **CVS**, **GIT**, **and Rational Clear Case**.

TECHNICAL SKILLS:

Languages/API	Java 5/6/7/8, Java/J2EE, C, C++, JDBC, DTD, UML, Design Patterns, Shell Scripts, , HTML, PHP, JavaScript, SQL and PL/SQL
ORM Frameworks	Hibernate, JSF, Ibatis
Web Technologies	HTML, CSS, DHTML, Servlets, JSPs, EJB, JNDI, JMS, XML, XSLT, XSD, JSF, jQuery, AJAX, AngularJS, Node.js, ReactJs, BackBoneJs, Bootstrap.
Web/App Servers	Apache Tomcat 5.x/6.x/7.x/8.x, IBM WebSphere, BEA Web Logic12.x, J-Boss 6.x/7.x
IDE's	Eclipse, NetBeans, RAD and Rational Rose, IntelliJ 14.x/15.x, Spring Tool suite 2.x/3.x
Database	Oracle, SQL Server, MySql, PL, Sybase 12.5, DB2, Cassandra and MongoDB
Web Services	AXIS, SOAP, JAX-WS, WSDL, JAX-RPC, JAX-RS, JAX-B and Restful
Version Control	Git,GitHub,SVN,CVS

Build Tool / plugin	ANT, Log4j and Maven 3.x, Gradle, Jenkins 2.x
Testing Frameworks	Junit, Jtest, Mockito and Power Mock

Client: Express Scripts, Franklin Lakes, New   **Dec 2016 – Till date**
Role: Sr. Java/J2EE Developer
Project Description:
The project deals with the capability to refill prescriptions on-line check an order status, and research drug and health information and enables express to have multiple billers in place. Focuses especially on the cost effective and appropriate delivery of prescription medications to the market and assists its customers to moderate the cost and enhanced the quality of prescription drug benefits to the members nation-wide.

Responsibilities:
- Followed **Agile (SCRUM) methodologies** and developed Technical design documents.
- Extensively worked on modern **MEAN Stack**- MongoDB, Express.JS, AngularJS, and Node.JS.
- Added dynamic functionality to the application by implementing jQuery**, Node.js**. Modularized front-end CSS and **JavaScript** code with SASS. Built a real-time mouse/click user analytics web service with **Node.js**
- Developed various screens for the front end using **Angular2** and used various predefined components from **NPM (Node Package Manager).** Used **Node Cron package** to schedule periodically executable jobs.
- Used various features in **Angular2** like data binding, routing, custom filters, custom directives to meet various customized requirements. Used the http services in **Angular2** to make **REST API** calls and exchange data in JSON.
- Used **Java version 8 Lambda expressions**, **Streams**, **Predicates**, **parallel operations** etc. on collections.
- Used **Python** scripts to update content in the database and manipulate files. Developed **Python** OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization.
- Worked with Microservices related frameworks **Spring Ribbon, Eureka** for client-side load balancer and network discovery. Also, Integrated with **Spring Cloud Netflix's components** like **Eureka** (Service Discovery), **Hystrix** (Circuit Breaker), **Ribbon** (Client Side Load Balancing) and **Zuul Proxy**.
- **Spring Boot Microservices** were developed with **microservice** architecture using **REST and Apache Kafka**.
- Created **REST** based web services by establishing links using **HATEOAS** from **Spring based application**.
- Implemented **Hibernate Template** to use of **HQL, Named Parameters, Named Queries, validations** & interfaces like **Expression, Query & Criteria**. Implemented **Hibernate/JPA** for data persistence.
- Used **ELK** for reporting, monitoring logging, debugging and error tracing. Worked on purging logs on **Elastic Search DB** and **Kibana UI**. Also involved in trouble-shooting logs using **Logstash** and **Kibana**.
- Provided dev support for IBM's **API Connect** and **DataPower** appliances in a multi-tiered environment.
- Worked **on Rest Web services** as well as **Node Rest framework** for backend services, used **Mongo DB** (NoSQL) for database services. Created/managed **Mongo DB**/NoSQL collections.
- Responsible for Configuring **Kafka Consumer** and **Producer** metrics to visualize the **Kafka System** performance and monitoring. Responsible for migrating existing modules in **IBM MQ to Kafka**.
- Built Docker Images and have run them **on Docker container. Deployed Docker contained** Spring boot micro services in to **AWS EC2** container service using **AWS admin console** and used lambda to run applications in AWS.
- Used **Maven** to configure, build and deploy the Modules. Also, integrated these scripts with **Jenkins**.
- Involved in evolution of test automation framework based on **Selenium**, **TestNG** and **Cucumber**.
- Used **Selenium WebDriver** for automating functional testing & to identify various critical points applications.
- Executed **Selenium** test scripts on different browsers and checked for compatibility.
- Worked on **GIT as Version Control System** to track various code conflicts of the project.

Environment: Java 8.0, Spring 4, Hibernate 4.2, Spring batch/security/JTA/Boot, JPA, JavaScript, NodeJS, Angular2, HTML5, CSS, WAS 8.5, MicroServices, RAD 8.0, Oracle 11g, Maven, log4j, Junit, XML, Web Services, Kafka, Splunk, GIT.

Client: John Deere, Des Moines, IA   **Oct 2014 – Nov 2016**
Role: Sr. Java/J2EE & Web Developer
Project Description:

 Deal manager is an interface for all the Agricultural products offers for its enterprise clients. This application is used to sell products and to keep every record of it, Deal Manager is responsible for establishing a platform for enrolment of clients, selling products, billing and supporting. It will also serve as a repository of previous sales, clients, products and requests.

Responsibilities:

- Worked on **Agile Scrum** methodology and involved in stand-up meetings to monitor the progress.
- Developed Web application using **JavaScript**, MVC and OOP client-side validation using **JavaScript**.
- Used **ReactJS** to build the UI components, developed filters to display different dimension of data and font size modifiers. Integrated **Redux** data store allowing **React components** to have access to data Implemented the **Model View Controller** (MVC) framework and spring.
- Develop various screens for the front end using **React JS** and used various predefined components from **NPM (Node Package Manager)** and **React Redux** library.
- Responsible for the **technical direction and implementation** of the **Spring Batch framework** according to contemporary design with **spring security**. Implemented various features of **spring** framework such as **Dependency Injection, IOC Containers**, and **Spring integration** with **Hibernate**.
- Implemented application architecture of the System based on **Spring MVC** and **J2EE** specifications.
- Implemented **application security** including **User Management, LDAP authentication, authorization**.
- Created request for Proposal microservice to provide **RESTful API** with **Spring MVC**.
- Implemented contemporary design based on **Spring Batch** system to process over heavy transactions.
- Worked on spring boot, **Spring Restful template** to develop Application level **MicroServices**.
- Used **Eclipse-Spring Tool Suite** (**STS**) for **Microservices** with Spring Boot & deployed into **AWS lambda.**
- **Hibernate DAO** classes were developed to retrieve & save data using Spring framework manager classes.
- Designed, built and deployed a multitude application utilizing all the **AWS stack** (Including **EC2, R53, S3, RDS, DynamoDB, SQS, IAM, CloudFormation and lambda functions**) focusing on high-availability.
- Managing multiple **AWS instances**, assigning the security groups, **Elastic Load Balancer** and **AMIs**.
- Developed Applications using Rule Engines, **Drools and ILOG** to validate the business User Roles.
- Implemented service layer on the top of **Cassandra using Core Java, Data Stax API and Restful API.**
- **Developed DAO layer using Cassandra and** expertise in **CQL** (Cassandra Query Language), for retrieving the data present in Cassandra cluster by running queries in **CQL**.
- Developed internal Log Delivery System, utilizing various Apache products, **Kafka, Storm, and Tomcat.**
- Worked with **Apache Tomcat 8** and **NodeJs servers** to deploy/configure Java API's and frontend modules.
- **Used PL/SQL** stored procedures for apps that needed to execute as part of a scheduling mechanisms.
- Creation of database objects like tables, stored procedures using **Oracle** tools like **TOAD**. Expertise in developing and enhancing **Oracle forms** and **Oracle reports.**
- **Apache Mesos** and **Kubernetes** were used as the best ecosystem to deploy and manage **Micro-services**.
- Developed **CI/CD** system with Jenkins on **Kubernetes** container environment utilizing **Kubernetes**.
- Used **Maven, Nexus** and **Jenkins** to automate the build and deploy process. Tested Service and data access tier using **JUnit**. Used **GIT** as version management, **JIRA** for defect management system.

Environment: Java 7.0, Spring 4, Hibernate 4.2, Spring batch/security/JTA/Boot, JPA, JavaScript, NodeJS, ReactJS, HTML5, CSS, Eclipse, Cassandra, Oracle 11g, SOAP, Maven, log4j, Junit, XML, ILog JRules 5.0, GIT.

Client: Liberty Mutual Insurance, Warrenville, IL   **July 2013-   Sept 2014**
Role: Sr. Java/J2EE & Web Developer
Project Description:
Liberty Mutual Insurance is an American diversified global insurer, and the second-largest property and casualty insurer in the United States. Ecommerce application provides services such as Auto Insurance and home insurance. The application is used for accessibility into the appropriate Agent Centre applications and generating quotes and policies, payments and reports. The project includes integration with different third-party components like Trans union for insurance score MVR for getting the driver license details app from component to print the Application forms and ID Cards online.

Responsibilities:
- Involved in full project management life cycle from **development** to **integration**, **testing** and **release**.
- Defined strategic initiatives on **CI/CD** model with **Extreme programming (XP)**, and build automation, in an AGILE development environment to help, respond quickly to business needs and deliver Quality products.
- Developed Interactive web pages using **AngularJS, HTML, CSS and JavaScript**. Developed UI components using **AngularJS** features like dependency Injection, Models, data binding and controllers.
- Implemented **AngularJS** client-side form validation, format view results using various controls and filters.
- Created multiple views using layout template and **AngularJS ngRoute** and developed test cases for **AngularJS** using **Karma** and **Grunt**.
- All the functionality is implemented using **Spring IO , Thymeleaf and Hibernate ORM**.
- Implemented Java EE components using **Spring MVC, Spring IOC, Spring transactions & Spring security modules.** Developed strategy for integrating internal security model into new projects with **Spring Security**.
- Implemented the Microservices to base on **RESTful API** utilizing Spring Boot and Spring MVC by developing RESTFUL web services using **Spring RESTFUL template.**
- Worked with **JAXB**, **SAXP** and **XML Schema** for exporting data into XML format and importing data from XML format to DB and **JAXB** in the web service's request response data marshalling & unmarshalling.
- Extensively used **Java server Faces (JSF)** Navigation rules and JSF tags for enhanced user Interface.
- Used **log4j** for logging errors in the application and used **JUnit** for unit testing of the application.
- Involved in the development of project back-end layer using by most of core java features such as **Interfaces and Exceptions.** Used java **Collections API** extensively such as Lists, Sets and Maps.
- **Multithreading** was used to process data in chunks to improve performance.
- Implemented **ExecutorService** in the application, which can execute tasks in the background like a thread pool.
- Increased database performance by utilizing **MySQL** config changes and multiple instances.
- **MySQL** processes and queries optimization. Exported & Imported database 10g objects from dev to production.
- Involved in creating **test cases** using **JUnit** strictly following Test Driven Development(TDD) methodology.
- Used **JUnit, Mockito and Power Mocks** framework for unit testing of application and implemented Test Driven Development **(TDD)** methodology.
- Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important payment status report information and other critical information.
- Worked on **Selenium Data Driven** framework and integrating it with Maven [Build Management Tool], **TestNG** [Unit Testing tool] and **Jenkins** [Continuous Integration Tool].
- Implemented Continuous Integration of **automation framework** using tools like **Jenkins, Hudson**.
- Extensive use of **SVN** for version controlling and source code management.

Environment: Java 7.0, Spring 4, Hibernate 4.2, Spring batch, Spring quartz, Spring security, Spring JTA, Spring Boot, JPA, Java Scripts, AngularJS, HTML 4.0, CSS, JMS, JAXP (SAX & DOM), WebSphere Application Server 8.5, Eclipse, MySQL,

SOAP, RUP, Maven, log4j, Junit, XML, Web Services, ILog JRules 5.0, Splunk, GIT.

Client: Flagstar Bank, Troy, MI   **Sept 2012 – June 2013**
Role: Sr. Java/J2EE Consultant
Project Description: Participated in the development of a paperless web-based document tracking and management system for department specializing in home mortgage loans. Responsible for both front end and back end development. HTML5, JavaScript/jQuery, and Java Server Pages were used on the front end. Implemented backend rules and logic using Java/J2EE and Spring Tools. SCRUM (Agile Development) was the methodology used for the development of this product. Eclipse IDE was used for development.

Responsibilities:
- Involved in various **SDLC** phases like **Requirement gathering**, **Design**, **Analysis** and **Code development** and the project was developed using **Agile** based **SCRUM** Methodology.
- Extensively used **Java Scripts** to enforce client-side validations and used **jQuery** for **Ajax** processing.
- Implemented **Struts** Framework and **Hibernate** in the latest version of the Application. Involved in coding for the presentation layer using **Struts** and **JavaScript**. Implemented **AJAX** base applications using **jQuery.**
- Used **jQuery, JavaScript libraries** for developing the JavaScript validations and widgets.
- Used **EJB** Stateless/Stateful session beans to implement business logic, session handling, and transaction and deployed Enterprise Java Beans both Session and Entity on WebSphere Application Server.
- Involved in development of various webservices using **IBM Websphere** to interact among Applications.
- Wrote various **select/update/insert SQL queries** and **stored procedures** for Sql Server.
- Involved in **unit testing**, **troubleshooting** and **debugging**. Modifying existing programs with **enhancements**.
- Involved in **fixing bugs** the bugs or defects in the application.
- Developed Entity Beans as Bean Managed Persistence Entity Beans and used JDBC to connect to backend database **DB2.** Developed the **UNIX shell scripts** to automate jobs.
- Worked on **Linux** environment for deploying the application, running scripts for jobs.

 Environment: Jakarta Struts Framework 2.0, Core Java, Hibernate 3.0, EJB, Web Services, CSS, eclipse Helios, CVS, WebSphere Application Server 7.0, JUnit, UNIX, JavaScript, Servlets, JSP, JDBC, jQuery, DB2.

Client: Best Buy, Richfield, MN   **Nov 2009 – Aug 2012**
Role: Java/J2EE Developer
Project Description:
Express lane is an E-Commerce application designed for the agents that provides complete set of order services and information. Agents can perform sale of items, return of items, and price override of items, apply promotions of items, perform catalog item look up.

Responsibilities:
- Designed Use Case and Sequence Diagrams according to UML standard using **Rational Rose**.
- Implemented **Model View Controller** (MVC-2) architecture and developed Form classes, Action Classes for the entire application using **Struts** Framework. Performed client-side validations using **JavaScript** and server-side validations using in built **Struts Validation Framework**.
- Used different UI **technologies JSP, HTML, CSS, JavaScript** for developing the GUI of the application.
- Implemented the data persistence functionality of the application by using **Hibernate** to persist java objects to the relational database. Used **Hibernate Annotations** to reduce time at the configuration level and accessed **Annotated bean** from **Hibernate DAO layer**. Used **HQL statements** and procedures to fetch the data from DB.

- Transformed, Navigated and Formatted **XML** documents using **XSL**, **XSLT**.
- Used **JMS** for asynchronous exchange of message by applications on different platforms.
- Developed the view components using **JSP**, **HTML**, **Struts Logic tags** and **Struts tag libraries**.
- Involved in designing and implementation of **Session Facade**, **Business Delegate**, **Service Locator** patterns to delegate request to appropriate resources.
- Involved in developing **SQL queries, stored procedures, and functions**.
- Creation of database objects like **tables, views using oracle** tools like **Toad, and SQL* plus**.
- Involved in writing Stored Procedure in using **PL/SQL**.
- Worked on **Linux environment** for jobs scheduling for **inbound data on monthly basis.**
- Used **JUnit** Testing Framework for performing Unit testing.

Environment: Struts 2.0 Hibernate 3.0, JSP, RAD, JMS, CVS, JavaScript, XSL, XSLT, Servlets 2.5, and Web Sphere Application Server6.1, Oracle 10g.

Client: HSBC, Bangalore, India   **Oct 2008 – Oct 2009**
Role: Java Programmer
Project Description:
This project involves developing a J2EE based framework to support dynamic report creation from various distributed databases. The framework supports dynamic PDF report generation using iText, an open source PDF generation library. The framework facilitates new report formats and databases by using xml configuration files.

Responsibilities:

- Developed presentation screens by using **JSP**, **HTML** and **JavaScript**.
- Developed **Session beans** for functionality as per the requirement.
- Prepared Unit test cases for existing functionality as per the requirement and execute the same.
- Involved in the Integration testing support and involved in bug fixing.
- Responsible for writing detail design documents and class diagrams and sequence diagrams.
- Used various Design patterns like **MVC**, **DAO pattern**, and **singleton** to achieve clean separation of layers.
- Created Servlets which route submittals to appropriate **Enterprise Java Bean (EJB)** components and render retrieved information. Developed **Session Beans** to process requests from the Developed Custom tag libraries to separate presentation and processing logic.
- Used **Hibernate API** to perform database operations
- Worked on **Hibernate persistence tier**. This involves developing mapping files and Hibernate (POJOs/ DAOs)
- Involved in developing **SQL** queries, **stored procedures**, and **functions**.
- Involved in tracking and resolving Production issues.
- Used **Lo4j** debugging tool to monitor the Error Logs.

Environment: Java, Servlets 2.5, JSP 2.1, spring, JDBC, JavaScript, HTML, Oracle, PL/SQL, SVN, Hibernate 3.0 and Weblogic 7.0.