**Sravani Sappeti**

**Contact No**: 980-636-2128

**Email**: [sravanisappeti@gmail.com](mailto:sravanisappeti@gmail.com)

**Java Mean Full Stack Developer**

**PROFESSIONAL SUMMARY:**

* Over 8+ years of experience in analysis, design, implementation and testing of Object Oriented Applications in Client/Server environments using **Java/J2EE** and front-end technology stack**.**
* Experience working with various **methodologies** based on **Agile, Scrum**, **Waterfall Model**, **TDD**, **Iterations.**
* Expertise in strong understanding of **SWING, Collections, Multi-Threading, Event and Exception handling.**
* Worked on **Java 8 annotations, Generics**, **Enums** and **Lambda expressions**.
* Experienced in front End technologies such as **HTML 5, CSS 3, JQuery**, **JavaScript, ReactJs, NodeJs, AngularJS, ExtJS, BackboneJS, Bootstrap, VBScript, Perl, AJAX, JSON,XSD, XSTL, Tiles, Tag Libraries.**
* Experienced in Client-side validation, Client-Server data interactionusing **Ajax** in **Nodejs.**
* Proficient in developing and deploying Java/J2EE applications on Application Servers such as**JBOSS, IBM web sphere, weblogic, Apache Tomcat** and configuration tasks for the new environment.
* Expertise in deploying **SOA**(Service Oriented Architecture) and **J2EE Web Services** based on **SOAP,WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis.**
* Experience with MEAN (Mongo DB, Express, Angular and Node.js) stack.
* Experience in developing applications using**Java/J2EE** technologieslike**Spring, Hibernate, EJB, Struts, Servlets, JSP, JDBC, JNDI, RMI, Java Beans, XML** and middleware technologies like**Web services, SOAP, Restful and WSDL.**
* Strong experience in **Spring Framework modules** such as **Spring MVC**, **SpringIOC**, **SpringAOP** and **Spring Heroku**, **Spring Integration**, **Spring Security**, **Spring Boot, Spring Netflix, Spring Zuul** with **Thymeleaf.**
* Extensively used different **Tag libraries** like JSF Tags, Struts Tags, JSTL, Spring Tags, Display Tag, XML/XSD.
* Developed SQL **Queries, PL/SQL Stored Procedures, Functions, & Triggers for Oracle, MySQL.**
* Experienced in **Middleware persistence framework** like **Hibernate/JPA, JDBC, iBatis** for mapping Java **POJO** classes/Objects with database and using **Hibernate Query Language (HQL)**.
* Worked on **Hibernate** for mapping the java objects to relational database andexpertise in using multiple databases like **Oracle, SQL Server, MySQL,DB2, NOSQL DB like Mongo DB, Cassandra.**
* Experienced in building service-oriented solutions, **SOAP** and **RESTful Microservices.**
* Spearheaded Application Developer conversant with developing Applications using **J2EE Design patterns** such as **MVC, Singleton, Session Facade, Service Locator, Visitor, Observer, Decorator, Front Controller, DAO.**
* Expertise in using messages service MQ’s like **IBM MQ, Rabbit MQ** and **Apache Kafka, Apache spark.**
* Proven experience in **AWS (EC2**, **EC2 Container Services/Docker**, VPC with Security Groups, **S3, IAM, SNS, Lambda, Route53, Cloud Formation, CloudWatch, Services), DevOps tools**.
* Expertise in developing POCs on **Pivotal Cloud Foundry** using **Spring Cloud** and **Spring Boot**.
* Developed applications using latest technologies like **EJB3.0, Spring2.x/3.x/4.x, Hibernate3.2/4xx and REST based Web Services (axis2.0, JAX WS2.0), Rule Engines (Drools4.1, ILOG), XML API and tools.**
* Experience in Business Process& Decision Management Design using **jBoss, JBPM** and **jBoss Drools Rules Engine.**
* Expertise in software configuration management using **CVS, SVN** and **IBM Clear Case.** Hands on experience with application build tools like **ANT, Maven, Docker, Gradle**and logging tools like **Log4J.**
* Good experience in unit testing using **Karma, Jasmine, JUnit,** Automated testing **Selenium**(IDE/Web driver), Integration testing using **Selenium, Hudson, Jenkins, cucumber, chai, Mockito, Protractor.**

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Java 8.0/7.0/6.0/5.0, Java/J2EE, C, C++, JDBC, DTD, UML, Design Patterns, Shell Scripts, HTML, PHP, JavaScript, SQL and PL/SQL |
| **Frameworks** | Struts 2.x/1.x, Spring 4.x/3.x/ 2.x, Hibernate 3.x |
| **Web Technologies** | HTML/XHTML/DHTML/HTML5, CSS/CSS3, Servlets, JSPs, EJB, JNDI, JMS, XML, XSLT, XSD, JSF, JQuery, Ajax, AngularJS4.0/2.0/1.4, NodeJs, ReactJs, BackBoneJs, Bootstrap |
| **Web/App Servers** | Apache Tomcat 5.x/6.x/7.x/8.x, IBM WebSphere, Web Logic 9.x/10.x/12.x, J-Boss 6.x/7. X |
| **Database** | Oracle 12c/11i/11g/10g/9i/8i, SQL Server, PL/SQL, MySql, Sybase 12.5, DB2, Mongo DB and Cassandra |
| **Web Services** | AXIS, SOAP, RESTful, JAX-RPC, JAX-RS, JAX-WS, WSDL, JAX-P, JAX-B |
| **Version Control** | JIRA, CVS, SVN, GitHub, Subversion |
| **Build Tool / plugin** | ANT, Log4j and Maven 3.x, Hudson 3.x, Jenkins 2.x |
| **Testing** | Junit, Jasmine, Karma, Selenium, Protractor, SOAP UI |
| **Messaging tools** | Rabbit MQ, Apache Kafka |

**PROFESSIONAL EXPERIENCE:**

**Client: Goldman Sachs, New York, NY**

**Role: Java/ Mean Full Stack Developer Jan’ 2017 to Present**

**Description:** Goldman Sachs provides options for providing retirement savings with all the potential Tax benefits. We provide three accounts in our system like Roth IRA (Individual Revenue Accounts), Traditional IRA, Sep IRA. These accounts provide different options for withdrawing your money after retirement. here we provide them to go through portfolio system to create account depending on their eligibility. Once their account has been created they go under different validations to check the provided information is correct. If they pass through the validations, then they are eligible to start trading. This is the basis platform created by Goldman Sachs in the process of converting their traditional systems to digital. Every process in creating account, transactions, update details are performed individually through micro services.

**Responsibilities:**

* Experience working in **Agile** development following SCRUM process, Sprint, and daily stand-up meetings.
* Designed and developed the UI using spring view component **HTML 5, CSS 3, Bootstrap and AngularJS 4.0**.
* Utilized **MEAN stack, REST design pattern, MVC framework** and Single Page Application framework based on **Node JS.** Transaction management is done by **JTA API** specification by implementing them.
* Worked with **Angular 4** directives, components, pipes, injectables.
* Expertise in application development using **Java 8** features like **Lambda Expressions** for array operations, **Collections,J2EE, Annotations, Hibernate, JUnit, Ant, Maven, CSS, XML.**
* Developed Spring Features like **Spring DAO, Spring Boot, Spring Batch, Spring Integration, Spring frameworks.**
* Used Spring framework including **Spring** **core**/**IoC,** **Spring** **AOP**, **SpringORM**, **SpringBatch**, **Spring** **Security** and implemented the authentication, authorization, and access-control features by using **Spring Security.**
* Well exposed to **Hibernate** and **spring** and thorough knowledge on **Hibernate configuration file**. Used **Hibernate** for accessing database and mapping the entities by using **annotations.**
* Mean stack application basically provides Angular framework as front-end, node.js/express.js as a platform for back-end and mongo dB as database.
* Used **Hibernate** as an **ORM tool** to store the persistent data and for communicating with Oracle database.
* Designing and coding **Procedures**, **Triggers, Cursors, Functions** using **PL/SQL, Oracle10g/11g** and **SQL Servers**.
* Composed and executed **MongoDB** scripts and queries to fetch and test data from **NoSQL** databases.
* Used a **Microservice architecture**, with Spring Boot-based services interacting through acombination of **REST.**
* Involved in developing **RESTful Web Services** with JAX-RS to provide functionality for future development.
* Developed **REST Web Services** clients to consume those Web Services as well other enterprise Wide Web Services.
* Experienced in transferring data from different data sources into HDFS systems using **Kafka** producers, consumers and **Kafka** brokers. Worked on creating **Kafka** topics, writing custom petitioner classes.
* Deployed the Application into **Docker** container and made easily accessible at runtime using cloud services like **AWS, Netflix Eureka, Spring Hystrix** as fallback method, **Spring Ribbon** for load balancing and a broker service to maintain status using **Spring Kafka** and **Zookeeper.**
* Involved in **Docker** containerizing the applications and pushing them to quay and deploying on **kubernetes**. Ensure

the deliverables meets the design requirements and technical specifications.

* Defined strategic initiatives on **Continuous Integration** and **Delivery (CI/CD)** model in **AGILE** development environmentto help, respond quickly to business needs.
* Used **DROOLS** engine as java runtime rule engine to validate business rule before executing in runtime.
* Used **GIT** as version management, **JIRA** for defect management system.
* Analyzing**Maven** dependency in base code to annotate dependency on Spring Boot applicationinto **Gradle** and Developed Unit test cases using **JUnit, Mockito and Easy mock**, **Jenkins.**
* Understanding big data technologies like Apache Kafka and Apache Spark Using **Scala** in **Play framework**.
* Performed deployment of applications on **WebSphere Application Server (WAS)** and tested Service and data access tier using **TestNG** andperformed UI testing and front-end testing using **Selenium.**
* Track production incidents, identify and prioritize scope for bugs and enhancements, conduct reviews with State

counterparts and plan releases.

**Environment: Core Java, Tomcat, Apache Kafka, Swagger, JMS, J2EE, Spring MVC, Spring Boot Framework, Microservice,**

**MongoDB, Angular 4.0, Express.js Spring Security, Hibernate 4.X, JQUERY, JSON, AJAX, Nodejs, Web Services, XML, JavaBeans,JavaScript, Oracle 11G, Eclipse,AWS, Apache Maven, Gradle, JUNIT, HTML/UNIT, XSLT, HTML/DHTML, JIRA, Scala,Selenium.**

**Client: US.Bank,Houston,Texas**

**Role: Java Developer Aug’ 2015 to Jan’ 2017**

**Description:** The online portal for US Bank customers. This is an Online Web Portal used by customers to register, sign-on, to access account history, transfers, profile management and perform transactions. 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. Eclipse IDE was used for development.

**Responsibilities:**

* Involved in Analysis, Design, Development, Testing and followed **Agile methodology** in **TDD**.
* Developed screens using **HTML5, CSS3,Bootstrap, JavaScript, JQuery, JSON**.
* For client-side view rendering services, used **React JS** and various predefined **Redux** libraries.
* Involved to implement various screens for the front end using **React.js** and used various predefined components from Node Package Manager and redux library.
* Implemented different design patterns like **Singleton, Factory** and**J2EE design** patterns like Business delegate, Session Facade, Value Object and DAO design patterns.
* Developed the application under **J2EE** architecture using **Spring, Struts, Hibernate, Servlets and JSP.**
* Implemented **Spring MVC (3.0)** framework in the application. Involved in developing code for obtaining bean references in spring framework using **Dependency Injection (DI)** or **Inversion of Control (IOC).**
* Created and **injected Spring services, Spring controllers** and **DAOs**to achieve dependency injection.
* Redesigned and re-implemented services using **NGINX, Node JS, Express JS, Mongo DB**, and **MySQL.**
* Experience with **RDBMS-PL/SQL** programming on **MySQL** and **SQL Server**writing Stored Procedures SQL Queries.
* Used **Spring** validator framework for client, server-side validation, used**Spring** and **Hibernate** for implementing **IOC**, **AOP** and **ORM** for back end tiers and developed DAO interfaces using **Hibernate** to interact with database.
* Worked on Java persistence layer in application migration to **Cassandra** using Spark to load data to and from Cassandra Cluster. Managed multi data center **DSE Cassandra** clusters across dev, test and prod environments.
* Implemented and used Web Services with the help of **SOAP** and **JAX-WS** to get updates from the third parties.
* Implemented multi-threaded client-server communication with remote data via **RESTful web APIs** and **JSON.**
* Developed Web Services **SOAP/HTTP**, **SOAP/JMS, and SMTP** using **SOA** technologies like **SOAP, WSDL & UDDI.**
* Used **JMS** for communicating with various clients and its components.
* Responsible for Configuring **Kafka** Consumer and Producer metrics to visualize the Kafka System performance.
* Experience with **AWS Cloud – EC2, EBS, Lambda function, Auto scaling, SQS.**
* Installed **Pivotal Cloud Foundry** on EC2 to manage the containers created by **PCF**.
* Replacing the legacy search service with the new services using **Elastic Search** to improve the performance
* Developed various generic JavaScript functions used for validations.
* Maintained backup schedules for server storage, Read and interpreted **UNIX logs**.
* Provided UNIX scripting to drive automatic generation of static web pages with dynamic news content.
* Developed **ANT** script to build .war files for the application and **GIT** as versioning system.
* Involved in installing of WebLogic Server for handling **HTTP Request/Response**. The request and response from the client are controlled using **Session Tracking** in **JSP**.
* Used Docker to virtualize deployment containers and push the code to EC2 cloud using **PCF**.
* Worked with the Node package manager(**NPM**) along with **Karma, Jasmine, Grunt** and Bower for test and build.
* Involved in writing unit test cases using Junit, integrated test reports and in load testing.
* Used **Log4j** for logging and handling defects of the application.

**Environment: Java, J2EE, Hibernate, Spring, Struts, HTML, CSS, JavaScript, JQuery, JSON, JAX-Ws, SOAP, MY SQL, Restful Web services, ANT, GIT, Eclipse, Junit, JMS, WebLogic server, log4j, Express.JS, Reactjs, Agile model,Elastic Search,Pivotal Cloud Foundry, Windows, Linux, Karma, Jasmine,Unix, AWS Cloud.**

**Client: Intermountain Healthcare (IHC), Salt Lake City,Utah**

**Role: Java/J2EE Developer April’ 2013 to Aug’ 2015**

**Description:** Help2 Clinical Desktop (CD) is a web application based on J2EE architecture. It provides web-based access

to inpatient and outpatient data from the IHC Clinical Data Repository (CDR). Users can review as well as update or enter new data through CD. Many clinicians use CD daily for accessing patient data, which aids in making important clinical decisions. CD is mainly composed of a “shell” or “core”, and various modules running inside of the “shell”.

**Responsibilities:**

* Experienced with **Software Development Life Cycle(SDLC)** with object oriented of business process and worked on developing Service oriented architecture applications in agile development environment.
* Developed UI using **AngularJS**, **HTML5**, **CSS3**, **jQuery, Bootstrap**, **JavaScript**, **Ajax**.
* Developed and implemented Business Requirements using **Spring MVC** framework. Implemented cross-cutting concerns such as logging, authentication and system performance using **Spring AOP**.
* Developed reusable and interoperable services, based on **SOAP**, **WSDL**, **JAXWS**, **JAXRPC** Web services.
* Well versed with core Java concepts like **Collections**, **Swing**, **Serialization** and **Servlets**and **JSP**.
* Implemented web services in **Service Oriented Architecture (SOA)** to retrieve data from client side **NodeJS** and parsed the data to client and handled the security and Authorization using **Spring Security** and **OAuth** authentication protocol respectively.
* Implemented Java EE components using **Spring MVC, IOC, Spring transactions and Spring security modules.**
* Implementing or exposing the Micro services to base on **RESTful API** utilizing **Spring Boot** with Spring MVC.
* Used **Jackson** Custom Mappers for Custom manipulation for date, currency conversations on **JSON** Data.
* Used **Jackson** parser for **Marshaling** and **Un-Marshaling**.
* Developed **POJO** objects and used **Hibernate** as the **Object-Relational Mapping (ORM)** tool to access the persistent data from **SQL** Server.
* Used Hibernate Detached Criteria, **HQL** and written some SQL queries for data retrieving.
* Hands-on writing **Stored Procedures**, **functions**, **triggers**, **DDL**, **DML SQLqueries** and **PL/SQL**.
* Designed, built, and deployed a multitude application utilizing almost all of the AWS stack (Including EC2, MongoDB focusing on high-availability, fault tolerance, and auto-scaling).
* Developed **PL/SQL** store procedures to convert the data from **Oracle** to **MongoDB**.
* Worked on **JPA** as persistence layer, involving EJB annotations to synchronize with DB through **XML**.
* **JBoss** Application server implementation, support, workload management and performance tuning including Web server setup configuration with JBoss App Server.
* Developed Test classes using **JUnit** and **Easy Mock** and test coverage using **EMMA** plug-in.
* Analyze and resolve conflicts related to merging of source code for **Git** and **Maven** as build tool.

**Environment:Java, J2EE, Java Beans, JMS, NodeJS, Spring, JQuery, EJB, Hibernate, IntelliJ, Angular, Oracle 11g, MongoDB, PL/SQL, Cucumber, Log4j, XML, HTML5, JBoss Server, CSS3, JavaScript, Bootstrap, SOAP, Maven, Junit, Git.**

**Client: AT&T SERVICES INC - Dallas, TX**

**Role: Sr. Java Developer Feb’ 2012 to Mar’ 2013**

**Description:** This project allows Client to sell iPhone devices and applicable services provided by AT&T at Client store, along with other devices and services. The important part in this implementation was, we integrated AT&T services with client specific APIs. We also provide customers with a streamlined approach for adding bolt-on features and account replenishment.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Implemented **Spring** and **J2EE** based **MVC (Model-View-Controller)** framework for the application.
* Used **Hibernate Framework** for object relational mapping and persistence.
* Configured Hibernate session factory to integrate with spring and generation of database schema.
* Responsibilities as a XSLT web developer include design and develop the websites with the **java** and **XSLT** and Worked with Tag Libraries in **Struts framework.**
* Involved in development using struts components **- Struts-config.xml, tiles, form-beans** and **plug-ins in Struts.**
* Used multiple Action Controllers to control the page flow, Interceptors for client validations.
* Created **Spring Interceptors** to validate web service requests and to enable notifications.
* Developed **REST API** using Spring MVC and REST Controllers and generated **JSON/XML** formats.
* Used **OOPS design** and **core Java concepts** such as **Collections, Multithreading, Exception Handling**.
* Developed unit test cases using **JUnit** and used **Log4J** for logging and debugging.
* Used **MySQL** as backend database and involved in development of Stored Procedures.
* Used **SVN** as a version control to track and maintain the different version of the project.
* Created **Maven scripts** for building and deploying the application.
* Experience in defect resolutions and configuration management change processes to support applications in PROD and integration testing environments.

**Environment: JDK, J2EE, Spring, Hibernate, REST Web Services, HTML5, CSS3, JavaScript, Bootstrap, AJAX, JSON,**

**Apache Tomcat, Apache Maven, JUnit, Log4j, JIRA, Jenkins, MySQL, SVN, Windows.**

**Client: West Bend Mutual Insurance, West Bend, WI**

**Role: Sr. java Developer Nov’ 2010 to Jan’ 2012**

**Description:**Price simulate tool is a web application which is responsible for updating quote price and also provides existing user claims information, profile information and my account information. Users get their messages from integrated apps and will be visible to them**​**

* Involved in various phases of **Software Development Life Cycle (SDLC) of** the application like Requirement

gathering, Design, Analysis and Code development.

* Designed and developed the UI using **JSP, HTML5, CSS and JavaScript, AJAX, JSON.**
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**.
* Developed the applications using **Java, J2EE, JDBC.**
* Worked on various use cases in development using **Struts** and testing the functionalities.
* Involved in preparing the High Level and Detail level design of the system using **J2EE.**
* Implemented the database connectivity using **JDBC** with **Oracle 9i** database as backend.
* Involved in the development of model, library, struts and form classes **(MVC).**
* Used display **tag libraries** for decoration and used display table for reports and grid designs.
* Designed and developed file upload and file download features using **JDBC** with **Oracle Blob.**
* Worked on **core java**, using file operations to read system file (downloads) and to present on **JSP**.
* Used **PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Developed SOAP based XML web services.
* Worked with high volume and complex **PL/SQL** stored procedures and packages using **TOAD.**
* Used different patterns like **SOA, MVC pattern, DAO pattern,** and **singleton**.
* Directly worked with Business Analysts and SMEs to gather requirements from the customer
* Developed **Stored Procedures, triggered stored procedures** using **Hibernate** in secondary project, involved in
* developing Programmatic transactions using **Hibernate**.
* Utilized **DOM, SAX** parser technologies in implementing **XML** parsing framework.
* Worked on integration modules, **BPEL business objects, Business Rules, Invoking Human tasks,** deploying into

WebSphere Process Server and tested using Business Process Choreographer.

* Experience with **eclipse** plug-ins like Find Bugs, Check Style.
* Extensively worked on uploading files into CLOB and BLOB’s of **Oracle Data base**.
* Experience in **Updating, Modifying queries** in **Oracle 10g** and**Apache Ant** was used for the entire build process.
* Used Rational Clear Case for version control and JUnit for unit testing.
* Used quartz scheduler to process or trigger the applications on a daily basis.
* Configured **JBOSS** Application server and deployed the web components.
* Provided troubleshooting and error handling support in multiple projects.

**Environment: J2EE, Java SDK 1.4, Entity Bean, Session Bean, HTML5, CSS and JavaScript, AJAX, JSON, JSP, Servlets,**

**Apache Ant**, **JSTL1.0, CVS, JavaScript, and Oracle9i, SQL, PL/SQL, Triggers, Stored Procedures, JBOSSv3.0, Eclipse 2.1.**

**Client: ByteAlpha - Hyderabad, India**

**Role: Java Developer Aug’ 2009 to Oct’ 2010**

**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:**

* Involved in understanding and analyzing the requirements of the project.
* Assisted in designing and programming for the system, which includes development of Process Flow Diagram, EntityRelationship Diagram, Data Flow Diagram and Database Design.
* Involved in Transactions, login and Reporting modules.
* Used **JSF** to Develop the User Interface of the Application Client.
* Developed the front-end UI using **JSP, HTML, JavaScript, CSS**.
* Involved in developing Java APIs, which communicates with the Java Beans.
* Implemented **MVC architecture** using Java Struts, Custom and JSTL tag libraries.
* Created POJO classes and writing **Hibernate Query Language(HQL**) queries.
* Implemented MVC architecture and DAO design pattern for maximum abstraction of the application.
* Created Stored Procedures using **SQL/PL-SQL** for data modification.
* Used **XML, XSL** for Data presentation, Report generation and customer feedback documents.
* Used Java Beans to automate the generation of Dynamic Reports and for customer transactions.
* Developed Junit test cases for regression testing and integrated with **ANT** build.
* Involved in code review and documentation review of technical artifact.

**Environment: J2EE/Java, JSP, Servlets, JSF, Struts, Hibernate, JavaBeans, XML, XSL, HTML, DHTML, JavaScript,**

**CVS, JDBC, Log4J, Oracle8i, IBM Web Sphere Application Server, Windows.**