**Anvitha** [**sarasani789@gmail.com**](mailto:sarasani789@gmail.com) **+1(224)-442-3204**

**Sr. Java/J2EE 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 **Object Oriented** and **Multi-threaded/Concurrent** Programming using Java/J2EE related technologies.
* 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 **Middleware persistence framework** like **Hibernate/JPA, JDBC, iBatis** for mapping Java **POJO** classes/Objects with database and using **Hibernate Query Language (HQL)**.
* Experienced in **Full stack** front end technologies using **Grunt js, Glup Server, Yoman generator** for Angular.
* Experienced in **Client-side validation, Client-Server data interaction using Ajax in Nodejs.**
* Experience in developing Mobile web applications using **JQuery Mobile** and **phonegap** for Smartphones & Tablets.
* Experience in working with **Service Oriented Architecture(SOA)** which includes Universal Description and Discovery Integration (**UDDI**) lookups and **WSDL**, **JAX-WS** and **JAX-RS** using **res** protocol.
* Extensively used different **Tag Libraries** like JSF Tags, Struts Tags, JSTL, Spring Tags, DisplayTag, XML/XSD.
* Experienced in frameworks: **Spring MVC**, **Jakarta struts framework**, **JSF**, **spring** and **Hibernate**.
* Strong experience in **Spring Framework modules** such as **Spring MVC**, **Spring** **IOC**, **Spring** **AOP** and **Spring Heroku**, **Spring Integration**, **Spring Security**, **Spring Boot, Spring Netflix, Spring Zuul** with **Thymeleaf.**
* Good experienced in building service-oriented solutions and **RESTful Microservices.**
* Developed applications using latest technologies like **EJB3.0, Spring2.x/3.x/4.x, Hibernate3.2/4.x, and REST based Web services (axis2.0, JAX WS 2.0), Rule Engines (Drools4.1, ILOG), XML API and tools**.
* Experience in implementing Java EE design patterns such as **MVC,** **Singleton**, **Factory, Session Facade, DAO, DTO, Command** and Business Delegate in the development of Multi-Tier distributed Enterprise Applications.
* Experience in configuring and deploying the applications on **Tomcat**, **WebSphere**, **WebLogic** and **JBoss** Servers.
* Good Experience in designing **Java, J2EE** applications using **Amazon Web Services** and have good knowledge of AWS services like **EC2, S3, Elastic Beanstalk, ELB, VPC, Direct Connect, Route53, SNS, SQS, Cloud Watch.**
* Experience in making the devops pipelines using **OpenShift** and **Kubernetes** for the Microservices Architecture.
* Experienced in working with multiple databases like **Oracle 10g/11g/12c**, **SQL Server**, **MySQL**, **DB2**, **NOSQL DB like Mongo DB, Cassandra** and written complex **SQL queries, procedures, Triggers** and **Stored procedures**.
* Experience in debugging and logging using the log framework - **log4j** and analysis and reporting with **Splunk**.
* Experienced in application build tools like **ANT**, **Maven, Jenkins, Kubernetes and Docker**.
* Strong experience in **TDD**, using the JUnit frame work with **Mockito, Power Mockito** & **SpringJunitRunner**.
* Good experience in unit testing using **Karma, Jasmine** and **JUnit,** Automated Testing **Selenium** (IDE/Web driver), Integration testing using **Selenium**, **Hudson**, **Jenkins and Apache Camel.**
* Experienced in development, testing and deployment of enterprise applications on **Windows** & **UNIX** platforms using IDE's such as **Eclipse**, **Rational Application Developer (RAD)**, **Netbeans**, **Spring Tool Suite (STS),** **Intellij.**
* Experience in using version controlling/tracking systems **Subversion**, **CVS**, **SVN**, **GIT**, **and Rational Clear Case.**
* Having knowledge on (JMS) MQ's like **Kafka,** **Rabbit MQ**, **IBM MQ** and **Active MQ**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **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** | Spring 4.x/3.x/2.x, Hibernate 4.0/3.0, Struts 1.x/2.0. |
| **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. |
| **IDE’s** | Eclipse, NetBeans, Spring Tool suite 2.x/3.x, WSAD, RAD & Rational Rose, Intellij 14.x/15.x |
| **Database** | Oracle 12c/11i/11g/10g/9i/8i, SQL Server, 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 and Clear Case |
| **Build Tool / plugin** | ANT, Log4j and Maven 3.x, Hudson 3.x, Jenkins 2.x |
| **Testing** | Junit, Jasmine, Karma, Selenium, Protractor, SOAP UI. |
| **Operating Systems** | Windows, Unix, Linux and MAC. |

**WORK EXPERIENCE:**

**Client: CVS Health, Buffalo Grove, IL Dec 2017 - till date**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Involved in **JAD** sessions with clients for gathering the requirements and involved in Analysis meetings and designed components for the project based on requirement, followed **Waterfall** and **Agile** methodologies.
* Developed user interfaces using **Angular 4, HTML, DHTML, JavaScript** and **CSS.**
* With **Angular 4**, was able to develop SPA's with high SEO and Debugging made easier with use of Source maps.
* Used **Angular 4** new feature View Engine which can have less code of components and reduced bundles.
* Implemented module wide routing in the application using **Angular router**and also created various Route guards.
* Developed the application under J2EE Architecture using **Spring, Hibernate, Servlets, Web logic** and **JSP.**
* **Spring Boot Microservices** were developed with microservice architecture using **REST** and **Apache Kafka.**
* Developed Open stack API to Integrate with **Amazon EC2 cloud** based architecture in AWS, including creating machine Images.
* Used **AWS** **Lambda** to run the code in the **AWS (Amazon Web Services)** and Deployed **Spring Boot** based micro services **Docker** container using **Amazon EC2** container services and using **AWS** admin console.
* Designed & developed webservices in **MVC** pattern spring framework and used **Apache Tomcat** for the deployments.
* Involved in doing the process Documentations and also audit compliance on **UNIX and Linux** servers.
* Implemented **Continuous Delivery** pipeline with **Docker,** **Jenkins**and **GitHub**, whenever a new **GitHub** branch gets started. Jenkins, our Continuous Integration server, automatically attempts to build a new Docker container from it.
* Utilized **Kubernetes**and **Docker**for the runtime environment of the **CI/CD** system to build, test deploy.
* Moving data in and out of an instance using import sets and transform maps and also auto import of data into **service now**.
* Integration of **service now** with LDAP for authentication.
* Worked closely with **QA team** and **fixed QA** bugs as well as production issues with a quick turnaroundtime.
* Developed unit test cases using **Mockito** and **Power Mockito** framework for testing accuracy of code.
* Created stored procedures to extract data from various data sources like Flat Files, **XML** Files and **SQL** server.
* Efficiently handled periodic exporting of SQL data into **Elasticsearch**.
* Modified SQL, PL/SQL procedures and triggers to obtain optimize output and also worked with **Cassandra**.
* Highly used **MQ Visual Edit** and **MQ Visual Utility** tools for connecting to remote queue managers.
* Involved in Migrating the project from **Ant** to **Maven build tool** to achieve more functionality for build process.
* Used **Dimensions and GitLab** as version management, **JIRA** for defect management system and IDE as **Eclipse**.

**Environment:** Java 8.0, Spring 4, Hibernate, JavaScript, Angular 4.0, HTML 5.0, CSS3, Jenkins, Apache Tomcat, log4j, Mockito, Power Mockito, XML, SQL Server, Cassandra, Maven, Eclipse, MQ Visual Utility, MQ Visual Edit.

**Client: Change Healthcare, Nashville, TN Aug 2016 – Dec 2017**

**Role: Sr. Java & Web Developer**

**Responsibilities:**

* Implemented the Model View Controller (**MVC**) framework and worked on **Spring Quartz** functionality for scheduling tasks such as generating monthly reports for customers and sending those mails about different policies.
* Designed **RESTful** webservices for transferring **XML** data between two interfaces and for handling **AJAX** requests.
* Designed and developed the UI using spring view component **HTML 5, CSS 3, Bootstrap and AngularJS 2.0**.
* Used **Angular Promise, Angular Custom directives, Angular custom services, Angular to REST to Spring calls**
* Used **Spring** validator framework for client and 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.
* Used a **Microservice** architecture with **Spring Boot** through **REST** and **Apache Kafka** message brokers.
* Developed **Micro services** using **Spring MVC, Spring Boot, Spring AOP**, **Dependency Injection**.
* Implemented Authentication & Authorization with **Site Minder and Spring security integration, certificates.**
* Developing the **Python APIs** which represent the memory subsystem.
* Used gulp and lower components Gulp-to bundle whole application for Jenkins deploy.
* Developed Applications using **Rule Engines,** **Drools, ILOG** with corresponding to validate the business User roles.
* Updating status report **daily basis** and **weekly basis** by conducting meetings with **QA team.**
* Utilized **pair programming** approach to ensure high quality code and Involved in **production deployment** and **support activities** of the system and Coordinated with various teams including **offshore** support teams.
* Installed **Pivotal Cloud Foundry (PCF)** on EC2 to manage the containers created by **PCF** and used Docker to virtualize deployment containers and push the code to EC2 cloud using Pivotal Cloud Foundry.
* Used **Multi-Threading** and concurrency and implemented threads while preparing and generating mails.
* 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.**
* Responsible for Configuring **Kafka** Consumer and Producer metrics to visualize the Kafka System performance.
* Migrated existing modules in **Active MQ to Kafka**. Used DB Connect APP to load data from **Mongo DB**.
* Used **GIT** as version management, **JIRA** for defect management system, **Maven** as build tool.

**Environment:** Java 8.0, Spring 4, Hibernate 4.2, Spring batch/security/Boot, JavaScript, AngularJS 2.0, Jenkins, HTML 5.0, CSS3, WAS 8.5, Eclipse, Mongo DB, log4j, TestNG, XML, SQL Server, Kafka, Scala, Selenium.

**Client: State of Tennessee(Deptt Of Healthcare), Nashville, TN June 2015 – July 2016**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* As a Java developer involved in back-end and front-end developing team. Took part in developing, maintaining, reviewing and supporting quality code and involved in daily **SCRUM** meetings and weekly **SPRINT** Meetings.
* Worked on **Security-System** **development** for Web Applications. Integrated application with **Spring Security for form-based authentication and authorization** by used spring security jsp tags to provide UI level spring security.
* Implemented Dynamic job scheduling according to the business need (daily, weekly, monthly etc.) same using **Quartz scheduler** and developed **Spring Quartz** jobs to run the backend jobs and generated reports.
* All the functionality is implemented using **Spring IO / Spring Boot, Thymeleaf and Hibernate ORM**.
* 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**.
* Implemented the application using **design patterns** such as **Session Facade**, **Singleton**, and **Data Access Object**.
* Implemented and developed UI components using **Angular JS** featureslike **dependency Injection, Models, data binding and controllers** anddeveloped test cases for **Angular JS using karma and grunt**.
* Created Stacks using Amazon Cloud Formation templates to launch **AWS** Infrastructure and resources.
* Developed Interactive web pages using **HTML, CSS and JavaScript and** developed various screens for the front end using **Angular** **2.0** and used various predefined components from **NPM** (Node Package Manager).
* With the concept of **ReactJs** worked on usage metrics and end to end events tracing for analysis purpose.
* Used **JMS** for reliable and asynchronous exchange of important information such as payment status report.
* Worked with **JAXB** and **XML Schema** for exporting data into XML format and importing data from XML format to data base and **JAXB** in the web service's request response data marshalling as well as unmarshalling process.
* Used **PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Used Java **Multi-threading** part in back-end component, one thread will be running for each user which serves that user and **multi-threading** was also used to process data in chunks to improve performance.
* Utilized Hibernate for **Object/Relational Mapping (ORM)** purposes for persistence onto the **Oracle** database.
* Deployed applications into **JBoss Server**. Worked with **Jenkins** Continuous Integration tool and Build Tool **Ant**.
* Used **Bitbucket** as version management & used **JUnit** for unit testing of the application and **log4j** for logging.

**Environment:** Java 7.0, Spring 3, Hibernate 4.2, Spring batch/quartz/security/Jta, Spring Boot, JPA, Java Scripts, Jenkins, AngularJS 2.0, ReactJS, HTML 5.0, CSS3, JMS, JBoss, Eclipse, Oracle 12c, RESTful, AWS, log4j, Junit, XML, Bitbucket.

**Client: Southwest Airlines, Orlando, FL June 2013 - May 2015**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Worked on **Agile** Scrum methodology and involved in daily **stand-up** meetings to monitor the progress.
* Interacted with **Managers & Business users** for **performance issues,** discussed about **key Aspects** based on requirements and its **relational mapping** to the application with users.
* Developed Application using **Spring MVC** with **Spring IOC, annotations, integrated** with **Struts 3** frame work with views based on **JSP**. Involved in coding for the presentation layer using **JQuery Mobile, NodeJs**, **JavaScript**.
* Used core java concepts such as **Multi-Threading, Collections, and Exception handling**. Worked extensively on Core Java, low latency side using **Java Concurrency** on the back-end of the application.
* Involved in coding for the presentation layer using **JQuery**, **JQuery Mobile, NodeJs**, **JavaScript**.
* Developed the application using industry standard design patterns **like Singleton, Business Delegate, MVC, and Factory Pattern etc.** Involved in developing Single page applications using **NodeJs, WEBPACK (ES6).**
* Developed a dashboard based on **Ajax calls** with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using **NodeJS**. Involved in **presentation layer frameworks** using JQuery widgets.
* Implemented application using **design patterns** such as **Session Facade**, **Bean Factory** and **Singleton**.
* 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.
* Utilized **XML** and **XSLT** for dynamic web-content and database connectivity. Implemented Map-reduce functionality in **MongoDB** to maintain customer order tracking. Involved in **fixing bugs** or defects in the application.
* Developed **Junits** using **Mockito and SpringJunitRunner** frame work. Used version control repository **SVN**.
* Used **JIRA** for issue tracking.Used **Maven** as a build tool and retrieved all dependencies required for application.

**Environment:** Core Java, Spring MVC 3, Spring integration, Spring JDBC, Struts 3, JMS, JIRA, NodeJs, JQuery, JQuery Mobile, Java script, HTML, CSS, Apache Tomcat 7.0, Restful, Eclipse, Mongo DB, Oracle 11g, Maven, Drools, Mockito, Junit, SVN.

**Client: CNSI, Lansing, MI March 2012 – June 2013**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in various **SDLC** phases like **Requirement gathering**, **Design**, **Analysis** and **Code development** and the project was developed using **Agile** based **SCRUM** Methodology.
* Successfully executing **offshore modeling** by effective and on time knowledge sharing with offshore project groups through weekly team meetings and daily status update calls.
* Developed user-friendly web-based GUI using **AngularJS, JavaScript, CSS, HTML, and NodeJS.**
* Implemented **Struts** Framework and **Hibernate** in the new version of the Application and used Validation framework.
* 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.
* Implement modules into **NodeJS** to integrate with designs and requirements and developed real time tracking of class schedules using **NodeJS**. Developed the **UNIX shell scripts** to automate jobs.
* Used Command Query Responsibility Segregation **CQRS** and direct calls to PL/SQL stored procedures while accessing Oracle Database.
* Used **Java Messaging Service** for asynchronous exchange of message by applications on different platforms.
* Extensively used **Java Scripts** to enforce client-side validations and used **JQuery** for **Ajax** processing.
* Involved in unit testing, troubleshooting, debugging and modifying existing programs with **enhancements**.
* Used **JDBC** to connect to backend database **MySQL.** Worked on Linux environment for deploying the application, running scripts for jobs. Involved in **fixing bugs** the bugs or defects in the application.

**Environment:** Jakarta Struts Framework 2.0, Core Java, Hibernate 3.0, EJB, Web Services, CSS, NodeJs, Eclipse, CVS, Apache Tomcat, JUnit, UNIX, JavaScript, Servlets, JSP, JDBC, jQuery, MySQL.

**Client: Key Bank, Cleveland, OH    Nov 2010 – Feb 2012**

**Role: Java Developer**

**Responsibilities:**

* Developed the presentation screens by using **JSP**, **HTML**, **CSS** and **JavaScript**.
* Implemented **MVC** architecture and developed Form classes, Action Classes for entire app using **Struts** Framework.
* Performed client-side validations using **JavaScript** and server-side validations using in built **Struts Validation.**
* Implemented data persistence functionality of application by using Hibernate to persist java objects to relational DB.
* 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 the database.
* 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 design patterns such as **Session Facade**, **Business Delegate,** **Adaptor,** **Command,** **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.
* Developed **JUnit** test case using Mockito Framework for performing Unit testing of the application.
* Deployed application in **WebSphere** **Application Server** and developed using Rational Application Developer **RAD**.

**Environment:** Struts 2.0, Hibernate 3.0, JSP, RAD, JMS, CVS, JavaScript, XSL, XSLT, Servlets 2.5, WebSphere Application Server 6.1, Oracle 10g.

**Client: Info Edge Solutions, Hyderabad, India June 2009 – Sep 2010**

**Role: Java Developer**

**Responsibilities**:

* Designed **Use Case** and **Sequence Diagrams** according to UML standard using **Rational Rose**.
* Extensively used **XML** documents with **XSLT** and **CSS** to translate it to **HTML** to present to GUI.
* Developed **Session beans** for functionality as per the requirement. Used **Spring MVC framework** for implementing the Web tier of the application. Used **Hibernate API** to perform database operations.
* Used Design patterns like **MVC pattern**, **DAO pattern**, and **singleton** to achieve clean separation of layers.
* Used **Hibernate API** to perform database operations. Worked on **Hibernate persistence tier**. This involves developing mapping files and Hibernate (POJOs/ DAOs). Used **Lo4j** debugging tool to monitor the Error Logs.
* Involved in developing **SQL** queries, **stored procedures**, and **functions**.
* Developed Custom tag libraries to separate presentation and processing logic and prepared Unit test cases for existing functionality as per the requirement and also involved in the **Integration testing** support and involved in bug fixing.
* Responsible for writing detail design documents and class diagrams and sequence diagrams. Involved in tracking and resolving Production issues.

**Environment:** Servlets 2.5, JSP 2.1, Spring, JDBC, JavaScript, HTML, PL/SQL, SVN, Hibernate 3.0, WebLogic, Oracle.