**Sneha A**

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# PROFESSIONAL SUMMARY

* 7+ years of experience in Software Development Life Cycle – Software analysis, design, architecture, development, testing, deployment, and maintenance.
* Proficient in developing web-based applications, and client-server distributed architecture applications in Java/J2EE technologies using Object Oriented Methodology.
* Extensive experience in developing web interfaces using HTML5, CSS, JavaScript, jQuery, Angular2, EXT-JS and Bootstrap.
* Extensive experience in designing and developing Enterprise Applications for J2EE platform using Core Java, Servlets, JSP, JDBC, JMS, Swing, Struts 2.0, Spring, Shell Scripting, Hibernate, XML, SOA, Web service, Axis, NetBeans, Eclipse, ANT.
* Spring: Strong experience in Spring Framework such as Spring MVC, IOC, AOP, DI, Spring Boot, Spring Aspects, REST, Spring Integration, Spring Testing and Spring JDBC. Strong hands-on experience with Spring IO, Spring Boot implementing REST.
* Experience in developing web applications with Struts, Struts Validation Framework, Spring framework.
* Experience with Hibernate 3.0 Persistence Framework and Design patterns like Singleton, Factory.
* Excellent working knowledge of IBM WebSphere ESB, WebSphere Message Broker, WebSphere MQ and BEA Aqua Logic SB (Oracle Service Bus) and Aqua Logic DSP (Oracle Data Service Integrator).
* Experience in implementing and consuming SOAP and REST Web Services using JAX-WS, JAX-RS and JAX-RPC and Strong knowledge in WSDL, REST and SOAP UI.
* Proficient in implementing various Java design patterns like MVC, Session Façade, Data Access Object (DAO), Factory, Singleton, Data Transfer Object, and Front Controller.
* Experience in using frameworks like Struts, Struts validator framework, JSF, Hibernate and OR-mapping, JPA, Spring, build tools like ANT, MAVEN and logging framework Log4J.
* Solid experience in lightweight POJO based frameworks like Spring (Dependency Injection, IOC, Remoting, ORM, DAO, AOP, JMS and Business Integration).
* Developed J2EE/Java apps using various IDE tools Eclipse, IntelliJ, WebSphereRAD.
* Good experience with Multithreading, Collections and Exceptions.
* Experience with installing, configuring and monitoring Apache Cassandra cluster.
* Experienced in RDBMS Design, ER modeling, SQL, PL/SQL, procedures, cursors, functions, triggers.
* Extensive work on the performance tuning of Oracle ETL process.
* Extensive experience with IBM Web Sphere Server, BEA Web logic, JBoss & Tomcat server.
* Experienced using version controls like GIT, CVS, SVN and ClearCase and code analysis tools like Find Bugs and Check style.
* Experienced in using Junit, Testing for unit testing & log4j and logback for logging.
* Experienced some of the networking concepts and working on Linux environment includes Cisco NSO.
* Experience in working with ORM tool like Hibernate.
* Ability to guide design and strategy for use of electronic system tools to improve process, mine data, extract and report data.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
* Experience in Shell scripting to automate system administration jobs as per the customer requests.
* Good exposure on using various tools like spring source tool suite, RAD IDE, Eclipse IDE, TOAD, SQL Developer in implementing the applications.
* Ability to rapidly learn new concepts and possess excellent analytical, problem solving skills and keen interest in the emerging technologies.
* Team player and a self-starter with excellent written and verbal communication, technical and interpersonal skills.

**TECHNICAL SKILLS**

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| **Languages** | Java JDK 6,7,8, SQL, PL/SQL, C, C++ |
| **Java/ J2EETechnologies** | Servlets, JSP, JDBC, JFC, Maven, XML, XSLT, Java Beans, EJB, JMS, MQ series. |
| **Web/Application Servers** | Apache Tomcat, Oracle Web Logic, Jenkins , JBoss, Azure, IBM Web Sphere MQ |
| **Web Presentation** | JSP, JSTL, JavaScript, jQuery, HTML5, DHTML, CSS3, XML, Angular2, Node.JS, Bootstrap, Responsive Web Pages, WebSphere Application Server 6.1 |
| **Framework** | Struts 1.x /2.x, Spring 2.0 / 3.0, JSF 1.2/ 2.0, iBatis, Hibernate 3.0 |
| **UI Frameworks** | jQuery, Angular JS, Bootstrap |
| **IDEs** | Eclipse 3.x, IBM RAD 7.x/6/x, IntelliJ, Dream viewer, MS Visual Studio |
| **Web Services** | REST, JAX-RS, JAX-WS, SOAP, WSDL |
| **Testing Tools** | JUnit, jMeter, SOAP UI |
| **Operating Systems** | Windows, Unix and Linux, Mac |
| **SQL Databases** | Oracle SQL, PL/SQL, MS SQL Server,NoSQL, MySQL |

**PROFESSIONAL EXPERIENCE**

**Centene Corporation, St. Louis, MO March’2017 – Till Date   
Role: Java/J2EE Full Stack Developer**

**Responsibilities:**

* Involved in designing services using -java/J2EE guidelines and different **J2EE design patterns** with JSP, Controller servlets.
* Participated in **Agile Scrum** methodology for application development. Developed the web application front-end user interactive web pages using web technologies like **Angular2, HTML5, CSS3 and Bootstrap.**
* Developed **Angular controllers, services, models** for two-way data binding and used Angular-UI components for the SPA development.
* Created re-usable components using **custom directives, filters**.
* Leading an effort to re-write Pricing Recalculation application using Java, **JEE**, **EJB 3.0**, JSF/Prime Faces, Spring framework, and Hibernate framework.
* Designed the application on the lines of **MVC** architecture.
* Ability to guide design and strategy for use of electronic system tools to improve process, mine data, extract and report data.
* Involved in the process of**Cassandra** data modeling for efficient querying.
* Extensively involved in coding with **core Java** concepts like Collections, Multi-Threading, Exception Handling
* Installed and Configured **DataStax**, OpsCenter for **Cassandra** Cluster maintenance.
* Developed Backend **Spring Jersey** resources to serve the **JSON** data to the web interface.
* Developed the application using **Spring boot and Maven**.
* Developed message components to send/receive and publish/subscribe **WebSphere** **MQ** messages.
* Developed startup and log rotations scripts for tcserver, **webserver and MQ products**.
* Implemented persistence layer using spring, **JDBC** Template to store the data in **Oracle** database.
* Implemented **RESTful** Web services to retrieve data from client side using Spring boot.
* Worked extensively on the **front-end** side using **JSP, HTML5, CSS3, JavaScript and Angular2**.
* Developed web application using **Spring MVC**.
* Used **Jenkins** to run automation tests and deploy the code to Development and QA environments.
* Involved in developing **RESTful Web Services**. Consumed RESTFUL Web services with JSON objects.
* Designed and developed application using **Core Java**, J2EE (JSP, Servlets), Spring MVC, Spring Boot and Oracle.
* Worked on IDE's like IBM Integration Developer(**IID**).
* Developed Java MVC web applications, **Restful Web Services API** development using Spring MVC, **Spring BOOT** and Spring AOP and Client side MVC applications using AngularJS.
* Developed **microservices** with **spring Boot** and deployed into containers using AWS instance and Docker. Involved in creating and configuring profiles, clusters, nodes, node agents for **WebSphere Application Server.**
* Implemented **Spring JDBC** and **Spring Core** concepts where ever required using Annotations.
* Integrated Automation scripts (**Selenium WebDriver API**) with CI tool (**Jenkins**) for nightly batch run of the Script.
* Used Asynchronous **JavaScript** and **XML (AJAX)** for better and faster interactive Front-End.
* Used **Hibernate framework** for the backend persistence.
* Developed **J2EE** Backing Beans, **Action Classes**, and **Action Mapping** and Application facades and hibernate classes to retrieve and submit using the **JSF Framework**.
* Contributed greatly to increase the code quality and productivity through **Test Driven Development (TDD**) and **Agile Estimation** and Planning.
* Created Forms and Reports using **Oracle.**
* **TestNG and Maven**technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Designed and developed Java message components to send/receive and publish/subscribe **WebSphere MQ messages**
* Used **Ant & Maven** scripts for build and deployment of the application.
* Used **Eclipse** as **IDE tool** to develop the application and **JIRA** as bug and issue tracker.

**Environment:**,Java, J2EE, JSP, Spring MVC, Web Services, Cassandra, Data Scanner, Hibernate, JEE, Maven, Bamboo, Jenkins, Tortoise SVN, jQuery, IBM WebSphere MQ,AJAX, Eclipse, HTML, XHTML, XML, CSS, JavaScript, Agile methodology, Oracle, Angular2, Web Sphere Application, Log4J, Stash, Web Services (REST), JUnit, Mockito, TDD.

## **Sammons Financial Group, Sioux Falls, SD March’2016--Feb’2017 Role: Sr. Java Developer**

**Responsibilities:**

* Designing applications using the core J2EE design patterns Façade, Data Transfer Objects, Business Delegate, and Value Object.
* Developed **Angular controllers, services, models** for two-way data binding and used Angular-UI components for the SPA development.
* Created re-usable components using **custom directives, filters**.
* Installed **WebSphere MQ** version 6.x and 7.x on Solaris and Linux.
* Developed Backend **Spring Jersey** resources to serve the **JSON** data to the web interface.
* Developed the application using **Spring boot and Maven**.
* Involved in requirements gathering and capacity planning for multi data center Apache **Cassandra cluster.**
* Implemented Horizontal & Vertical Clustering of **WebSphere Application Server**
* Used **SVN** for version control and used eclipse as the **IDE** for developing the application.
* Worked with cross-browser issues related to the front end that is created using **JavaScript, CSS,** and **HTML5.**
* Execute the data from responsible teams and assure the quality of responses.
* Assist during post audit duties like creating Issues.
* Transmitted data to computers to create data reports.
* Used different phases of **JSF** lifecycle for client-side and server-side data validation
* Used **Spring Framework for Dependency Injection** and integrated with the **Hibernate.**
* Worked through cross browser compatibility issues with layout and styles for all new **CSS** that was implemented.
* Designed and Developed user interactive screens **using Angular 2, JavaScript, jQuery** and **HTML5** and **JSP**.
* Involved in the process of **Cassandra data modelling** and building data structures for efficient querying.
* Extensively used **MVC**, Factory, Delegate and Singleton **design patterns**.
* Developed various Apache Nifi components for ingesting incoming events from diverse data sources like FTP/SFTP servers, Oracle, PostgreSQL, **RESTful/SOAP** WS and RabbitMQ. Converted events from/to XML, JSON and Avro formats and put them to Apache Kafka.
* Involved in writing **Spring Configuration XML** file that contains declarations, DB connections and other dependent objects.
* Developed Spring Framework based **RESTFUL Web Services for handling** and persisting of requests and **Spring MVC** for returning response to presentation tier.
* Established wizard flows with Spring Web flow.  **And** developed **Junit** test cases to test the application and used **Spring Batch** and **Scheduling** for batch processing.
* Involved in deploying applications in Amazon Web Services environment using Continuous Integration tool **(Jenkins),** Continuous Deployment tool **(Docker), Nginx (HTTP Server) and Git (Source Code Management)**
* Used **Maven** for project dependency management and **Log4j** for logging. Used Ext JS to build the GUI controls of the application.
* Built Web pages that are more user-interactive using Angular JS, NodeJS, **Jasmine, Karma,** HTML5, CSS3, LESS, RESTful API Services, JavaScript, Bootstrap, Git, JSON.
* Used **Spring Core** Annotations for Dependency Injection **Spring DI and Spring MVC for REST API s and Spring Boot for Microservices.**
* Installed, secured, and configured AWS cloud servers with Tomcat, MySQL, Apache, etc.
* Experience working in **Agile development following SCRUM process**, Sprint and daily stand-up meetings.
* Implemented **Spring** Beans using IOC and **Transaction management** features to handle the transactions and business logic.
* Migrating data from **Apache Spark-RDD** into **HDFS** and **NoSQL** like **Cassandra.**
* Extensive experience in developing web application using Content Management Systems (CMS), Spring Framework, Model View Controller (MVC) Architecture and **Mongo DB**
* Prepare Test Environment (**Git**) for Unit testing and Integration Testing.
* Implemented **Spring security features using AOP Interceptors** for the authentication.

**Environment:** CoreJava, Spring 3.x, JSF, Jenkins, Hibernate, Data Scanner, Bamboo Gulp, , JNDI, Oracle 10g, Restful web Services, Azure,jQuery, Angular JS, JSON, Web Logic Server, Junit, JIRA, Eclipse.

**Daimler, Farmington Hills, MI July’2013 – Dec’2014**

**Role: Java Developer**

**Responsibilities:**

* Involved in designing services using Java/J2EE guidelines and different **J2EE design patterns** **with JSP, Controller servlets.**
* Involved in various phases of the **Software Development Life Cycle** including modeling, analysis, architecture design and development and testing phases.
* Applied **jQuery, Bootstrap, CSS3, JSP, and JSTL** to build interactive and dynamic UI.
* Implemented **Spring MVC** framework to develop and configure the views and controller of Spring MVC. Familiar with Software Development Life Cycle (SDLC) such as Agile methodology.
* Involved in developing **RESTful Web Services**. Used Web services for sending and receiving data between UI and midtier. Consumed RESTFUL Web services with JSON objects.
* Developed Java MVC web applications, **Restful Web Services API** development using Spring MVC, **Spring BOOT** and Spring AOP and Client side MVC applications using AngularJS.
* Created **XSL style sheets** to generate complicated output XML based on user requirements from XML data.
* Built Web pages that are more user-interactive using **AJAX, JavaScript, and Angular JS**.
* Used **Maven** for building the application and completed testing by deploying on application server.
* Wrote unit test cases for Unit Level testing **using JUnit**.
* Developed front end using **Spring MVC, JSP, and JSTL.** Worked on Maven to build the application.
* Used JUnit framework for unit testing of application and **Log4j** to capture the logs.
* Worked closely with QA, Business and Architects to solve various defects in quick and fast manner to meet deadlines.
* Used **Angular JS**, created custom directives for data manipulations and to display data in company standard format in UI.
* Analyzed, designed, tested phases and documented technical specifications.
* Developed the application **using Spring Framework** that uses Model View Controller (**MVC)** architecture with **JSP** as the view.
* Used **the Node.JS and Angular.JS MVC Frameworks** in the development of the **web applications**.
* Worked on **Hibernate and created mappings.**
* Developed middle layer business methods, which incorporated the core business functionality using **Singleton Beans.**
* Performed **server-side development using JDBC and DAO on Oracle database**.
* Deployed the application on to Web sphere application server.
* Developed **screens** using **HTML5, CSS, JavaScript, jQuery and AJAX** taking advantage of the frameworks Angular JS.
* Used Spring framework to implement Inversion of Control **(IOC)** and Aspect Oriented programming (**AOP).**
* Accessed database using **SQL Queries, PL/SQL** scripts. Worked with testing teams and resolved defects.

**Environment:** Java 6, J2EE 6, JSP, Servlets, HTML, XML, WebSphere Application Server, jQuery, JavaScript, AngularJS, Hibernate, Oracle, SQL, Spring (MVC, IOC, DAO), JMS, Web Services, SOA, Eclipse, Maven, Unix, Linux and Agile Methodology.

**ING Vysya Bank, Bangalore, India Jan’2014 – Dec’2015 Role: Java Developer:**

**Responsibilities:**

* Designing and developing Web application to generate reports using **Java-J2EE** technologies.
* Developed presentation layer using **JSP, HTML, CSS, JavaScript, and Struts** Taglibs.
* Performed requirement analysis, design changes, development and maintenance of the components using **spring MVC**.
* Involved and understood the Development of Reporting system using **jQuery, Struts and Web Services**.
* Edited web pages for achieving design goals with **CSS, JavaScript, and jQuery**.
* User input validations done using **JavaScript** and developed use cases using UML.
* Involved in Design, UML Modeling and in developing Use Case Diagrams.
* Integrated the applications with **soap web services**.
* Developed **ANT** script for building the application.
* Used **JDBC to connect the J2EE server** with the relational database.
* Worked on Creating **Form Bean, Action classes and Configuration files using Struts framework**.
* Involved in designing and development of business logic layer using (**EJBs)** Session Beans and Entity beans.
* Developed client-side validations in **JavaScript and server-side validations in Struts2.**
* Developed Session Facade for minimizing number of requests between client and server and Factory get database connections.
* Minimized **coupling** between Presentation tier and Business tier with **Spring IOC.**
* Used Spring **IOC** for injecting the Hibernate and used **Hibernate annotations** to design the modeling part of the application.
* Involved in creating Software Design documents, Technical Design & Unit testing documents.
* Making modifications to make the **plug-in compatible for new JIRA versions.**
* Monitoring the email queue monitor and stabilizing JIRA.
* Data from UI layer sent through JMS to Middle layer and from there using **MDB message** retrieves Messages and will be sent to **MQ Series.**
* Involved **in performing Unit and Integration testing (JUnit**). Strictly followed Test Driven Development (**TDD Approach)** environment using agile methodologies.
* Worked with Continuous integration tool Jenkins. Used Stateless Session Beans to encapsulate the business logic and developed. Web Services for the modules to integrate client’s API.

**Environment:** JAVA, J2EE, JBOSS, Tomcat, Java, Collections, Multithreading, Struts, Spring, Hibernate, JAXP, JNDI, JMS, MS-SQL 2008, Web Services, EJB, SVN, jQuery, JSON, JIRA, Log4J, SQL Developer and ANT, Linux, Windows, Jenkins, My Eclipse, SVN.

**Value Labs, Hyderabad, TG June’2011 – Dec’2013**

**Role: SQL Developer**

**Responsibilities:**

* Designed and Created database using **SQL** and **PL/SQL**, wrote backend stored procedures, functions and triggers which allow users to analyze daily, weekly and monthly connection requests, issued connections versus projected issues and keeping track of customer details monthly.
* Developed reports in **SQL** Server Reporting Services and created cubes in **SQL** Server Analysis Services.
* Implemented triggers to enhance functionality supplement validation and control navigation.
* Extensively used **DTS** Package in Migration of the data from the previous timesheet database in **SQL** Server database to **Oracle 10g**.
* Prepared Unit Test Plan and deploy the code in Production Environment.
* Developed the shell scripts to process **PL/SQL** procedures and wrote **PL/SQL** program units for data extracting, transforming and loading.
* Developed SQL\*Loader scripts to load data into the staging tables from the flat files.

**Environment:** Oracle 9i/10g, SQL Server, CRM, SQL LOADER, UNIX, Windows 2000 Professional, PLSQL, SQL, HTML.