**Sneha A**

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# PROFESSIONAL SUMMARY

* **Over 5+ 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, Angular-JS, 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, Session Facade, Business Delegate, Data Access Object (DAO)**, Data Transfer Object and more.
* Implemented **Spring Boot framework** with Mustache.js templating engine parsing the **Swagger, yaml** specs file.
* Efficiently handled periodic exporting of **SQL** data into **Elasticsearch**.
* **Elasticsearch** performance and optimization.
* 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.**
* Developed Micro Services with **Spring boot** and Spring batch along with the test cases.
* • Migrated existing business applications to Amazon cloud services (**AWS)** based environment and deployed applications using **Amazon web services.**
* Experience with installing, configuring and monitoring **Apache Cassandra cluster.**
* Experienced in **RDBMS** **Design, ER modeling**, **SQL, PL/SQL**, **procedures, cursors, functions, triggers.**
* 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.**
* Developed unit and integration tests for existing **Microservices** using Junit and **Docker**.
* 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.**
* Working experience with **GAE's Google App Engine** as PaaS involving App Engine APIs: Datastore, **Cloud Storage**, Bigtable, Blob-store, asynchronous services using Backend, Task Queues and Modules, and scheduled tasks using **App Engine Cron Service** and exposure to Amazon Web Services **AWS** .
* Developed analytical components using **Kafka**, **Spark Stream** and **Scala**.
* 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.
* 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 |
| **Web Presentation** | JSP, JSTL, JavaScript, jQuery, HTML5, DHTML, CSS3, XML, Angular JS, Node.JS, Bootstrap, Responsive Web Pages |
| **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 |
| **Build Tools** | Maven, Ant, Bamboo |
| **Other Tools** | Eclipse, Net Beans, Stash, Swagger, SQL Developer, JDeveloper, UML |

**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 **AngularJS, 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.
* Used **Sprint boot** framework to create properties for various environments use **yamls** for configuration.
* Worked on **Oracle11g,** Created DAO classes which get connection instances with SpringJDBC, Configuring JDBC connections.
* **ETL process** for continuously bulk importing catalog data from Postgres into **Elasticsearch.**
* Implemented **swagger** in project for api design, build, document, and consume RESTful Web services
* Created various **spring boot** and spring batch applications to connect them to various databases and created queries to retrieve data and modify the tables for the database.
* Implemented **REST** based web services using **Spring Web MVC**, to publish vendor Information, customer information.
* Installed **Elasticsearch databas**e and **Kibana** to show logs in a graphical environment
* Used **Elastic search** as the data indexer and **query parser**
* Worked with **Elasticsearch** and utilized NOSQL for non-relation data storage and retrieval.
* Ability to guide design and strategy for use of electronic system tools to improve process, mine data, extract and report data.
* Developed Backend **Spring Jersey** resources to serve the **JSON** data to the web interface.
* Developed the application using **Spring boot and Maven**.
* Used **SVN** for version control and used eclipse as the **IDE** for developing the application.
* Worked on **Agile** development methodology and built the application with Test Driven Development (**TDD**).
* Involved **Java/J2EE** based applications and **Java/JEE** based portal projects
* 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 AngularJS**.
* Developed web application using **Spring MVC**.
* 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.
* 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.**
* Involved in writing **JSF Backing Beans** for controlling the UI and writing custom components and validators.
* Integrated Automation scripts (**Selenium WebDriver API**) with CI tool (**Jenkins**) for nightly batch run of the Script.
* Use Mongoid to query the document-based **mongo db.** And, used **node.js** middleware Multer for uploading files.
* Implemented interface to load various reference-data/meta-data to load in **GAE** cloud as part of initial setup and ongoing addition.
* Automated the continuous integration and deployments using **Jenkins, Docker, and AWS Cloud Templates.**
* Used Asynchronous **JavaScript** and **XML (AJAX)** for better and faster interactive Front-End. Configured Navigation rules in the **JSF** configuration files to add new functionality to the application by writing new **JSPs**.
* Extensive experience in developing web application using Content Management Systems (CMS), Spring Framework, Model View Controller (MVC) Architecture and **Mongo DB**
* 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.
* **TestNG and Maven**technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Used **TOAD** as database tool for running **SQL queries**.
* Used **Eclipse** as **IDE tool** to develop the application and **JIRA** as bug and issue tracker.
* Code walk through, modules integration and unit testing using **JUnit** and **Mockito**.

**Environment:**,Java, J2EE, JSP, Spring MVC, Web Services, Data Scanner, Hibernate, JEE, Maven, Bamboo, Jenkins, Tortoise SVN, jQuery, AJAX, Docker, swagger, Eclipse, Yaml, HTML, XHTML, XML, CSS, JavaScript, Agile methodology, Oracle, AngularJS, Spring boot, AWS, Web Sphere Application, Log4J, Stash, Web Services (REST), JUnit, Mockito, TDD

**Sammons Financial Group, Sioux Falls, SD Mar’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**.
* 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.**
* Created the restful services by using **swagger** gateway API to effectively route them by using load balancer
* Worked with cross-browser issues related to the front end that is created using **JavaScript, CSS,** and **HTML5.**
* 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 JS, JavaScript, jQuery** and **HTML5** and **JSP**.
* Used Java script and **AJAX** to query the **Elastic search indices**, format and display the **JSON** results in a web page using **HTML** and **CSS**
* 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, **RESTful/SOAP** WS.
* 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.
* Used **SCRUM-Agile Software Development** Method for managing application developments.
* Writing services in **spring boot** and running and deploying them into cloud.
* Implemented **RESTful web services** to support interaction with affiliate sellers using Spring Boot, **JPA,** Spring Data, Spring Web. .
* 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).**
* I worked on a task to decrease database load for search and moved some part of search to **Elastic Search search engine.**
* 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**,** HTML5, CSS3, LESS, RESTful API Services, JavaScript, Bootstrap, Git, JSON
* Designed dynamic and browser compatible pages using HTML5, CSS3, jQuery and JavaScript and Angular JS.
* 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.
* Developed interfaces to store/read large file to/from **GAE CloudStorage** using **Cloud Storage APIs.**
* **Swagger** was used to design and document the API methods
* Worked on **Docker** container to create **Docker** images for different environments.
* 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, XML, JNDI, Oracle 10g, Restful web Services, GIT, yaml, Spring Boot, SVN, AWS, Azure,jQuery, Angular JS, JSON, Web Logic Server, Junit, JIRA, Eclipse.

**ING Vysya Bank, Bangalore, India July’2014 – Dec’2015 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.

Used **Angular JS**, created custom directives for data manipulations and to display data in company standard format in UI.

* 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**.
* Developed **screens** using **HTML5, CSS, JavaScript, jQuery and AJAX** taking advantage of the frameworks Angular JS.
* 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, Swagger, Spring boot, AWS, Jenkins, Spring (MVC, IOC, DAO), JMS, Web Services, SOA, Eclipse, Maven, Unix, Linux and Agile Methodology.

**Value Labs, Hyderabad, TG July’2013 – May’2014  
Role: Java/J2EE 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.
* Integrated the applications with **soap web services**.
* 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**).
* 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.