**Sneha Andhe**

**snehagm30@gmail.com**

**Phone: +1(573)-427-7879**

# PROFESSIONAL SUMMARY

* Over 6+ 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.
* Responsible for implementing UI mockups, integrating third party React libraries, and handling/creating Redux store data.
* Developed web-based applications using Java8, J2EE, spring, Web Services (SOAP and REST), MVC framework (Struts, Spring MVC), Mule ESB, Oracle and SQL.
* 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.
* 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, MULE, 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.
* Have experience writing scripts using JavaScript and Typescript to implement the functionalities of required fields.
* Skilled in leading frameworks as React JS to build high-quality, scalable and reusable components and Front-end solution.
* Created Docker images using Spotify Maven Plugin, for deployment of microservices.
* 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.
* 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.
* 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**

|  |  |
| --- | --- |
| **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, React 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**.
* Identified the webservices (SOAP), topics (**TIBCO** EMS/JMS)/queues (MQ's), underlying databases and other automation areas that will be impacted with the new software development and develop a test automation framework.
* 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.
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 2.**
* Involved in the process of**Cassandra** data modeling for efficient querying.
* 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**.
* 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.
* Working on integration project with bi-directional and uni-directional integration between two different systems.
* Worked extensively on the **front-end** side using **JSP, HTML5, CSS3, JavaScript and AngularJS**.
* Developed web application using **Spring MVC**.
* Knowledge in Application Design and Development using **OOA, OOD, OOP, MVC, SOA and J2EE**.
* Used **Jenkins** to run automation tests and deploy the code to Development and QA environments.
* 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.**
* **BIM Dashboard** is used to collect data from Building Information Models, to support the analysis and visualization of the data.
* Experienced in working with Redux or Flux architecture by using **React.**
* Experienced in developing applications using **React JS**, **jQuery** for view rendering and implementing **React JS** with Redux and Flux patterns to attain **MVC** functionality.
* Used a **Microservice** architecture, designed and developed **RESTFUL** web services using Spring Boot framework.
* Wrote queries in Oracle Spatial in developing **GIS** based application.
* Worked on SOA architecture along with **Mule** to integrate the different applications for reliable and effective data exchange
* 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.
* Extensively used Java best practices and implemented several Core **design patterns** like **Singleton, Data Access Object (DAO), and Business Delegate** etc.
* Use Mongoid to query the document-based **mongo db.** And, used **node.js** middleware Multer for uploading files.
* Experience in client and server-side scripting languages like **Typescript, Angular 4**.
* Working on **POC** to bring **OLTP** application logs into S3 using **Kafka-Spark** Streaming integration and massaging data for BI on BI application.
* 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**.
* RC-Client is multi-threading Java and dot Net application API and utility that enables RCs to communicate with esMD by exchanging files via **TIBCO**® Managed File Transfer (MFT) server.
* 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.
* Developed and implemented the business logic component in middle tier using **JDBC** and **EJB framework** includes configuring Queues and developing **Message Driven Beans (MDB)** for asynchronous tasks.
* Development of Web (Intranet) database-driven and **GIS Java/J2EE** applications for Oracle, EAM databases.
* Assets and Security Management services is an internal enterprise asset management (**EAM**) software solution for enterprise application.
* Used **JMS (Apache Camel), Mule ESB** for implementing Service Oriented Architecture for sending and receiving messages while using web services.
* Involved in the **SOA** implementation using Axis/WebLogic web service framework for different product integrations and Web Service interfaces using **SOAP.**
* **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 **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.
* Code walk through, modules integration and unit testing using **JUnit** and **Mockito**.

**Environment:**,Java, J2EE, JSP, Spring MVC, Web Services, Cassandra, Data Scanner, Hibernate, JEE, Maven, Bamboo, Jenkins, Tortoise SVN, jQuery, React Js, Mule, GIS, AJAX, Eclipse, HTML, XHTML, XML, CSS, JavaScript, Agile methodology, Oracle, Kafka, AngularJS, 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.**
* Developed **microservices** with **spring Boot** and deployed into containers using AWS instance and Docker
* Deployed Spring Boot based **microservices** Docker container using Amazon EC2 container services.
* Worked with **Tibco** and Ecommerce as a part of checkout flow. Deployed application on JBOSS Application server.
* Developed **Oracle PL/SQL** store procedures and functions to process information used to generate reports.
* Developed Web Services using REST interfaces using **MuleSoft's Mule Enterprise Service Bus** (ESB) platform to deliver fast, reliable and scalable integration API code.
* Strong experience in Full Stack web technologies like J2EE, Servlets, Hibernate, Spring MVC, AJAX, JQuery, Struts**, EJB**, JBOSS, JDBC, JSP, HTML, JavaScript, CSS, XML, Log4J.
* Experience with several design patterns like Singleton, Factory Method, Prototype, etc. and architectures like Service Oriented Architecture **(SOA)** and **MVC.**
* 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.**
* Worked in using **React JS** Components, Forms, Events, Keys, Router, Animations and Flux concept.
* Extensively worked in writing minimal code in building re-usable forms with their validations using **REACT** with Flux Architecture.
* 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 JS, JavaScript, jQuery** and **HTML5** and **JSP**.
* Incorporated **Mule** for messaging.
* Involved in the process of **Cassandra data modelling** and building data structures for efficient querying.
* Extensively used **MVC**, Factory, Delegate and Singleton **design patterns**.
* Involved Service Oriented Architecture (**SOA**) and Involved in **XML** configuration for obtaining bean references in spring framework using Dependency Injection.
* Developed various Apache Nifi components for ingesting incoming events from diverse data sources like FTP/SFTP servers, Oracle, EAM, 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).**
* Mapping of web application to the database for some parts of application was done through **ArcGIS Mapping frameworks.**
* Expertise in Service Oriented Architectures **(SOA- Web Services**) using Apache Axis, WebLogic, JBoss and **EJB 3.0 Web service framework**.
* 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.**
* Designed dynamic and browser compatible pages using **HTML5, CSS3, jQuery** and JavaScript and Angular 2.
* For geographic locator applications, **ESRI GIS** mapping tools were used.
* 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, XML, JNDI, Oracle 10g, Restful web Services, Azure, React Js,jQuery, Mule, GIS, 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.
* Involved in Writing service methods and **SQL** queries, PL/SQL to interact with the **Oracle** 10g.
* 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.
* Hands on experience in developing **TIBCO** BW Process.
* 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.

**Value Labs, Hyderabad, India June’2012 – June’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.
* 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.