**Sneha Andhe**

**Email: snehagm30@gmail.com**

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

**PROFESSIONAL SUMMARY**

* Proficient **Over 7+ years** of experience in Software Development Life Cycle and developing applications using Java/J2EE and other related technologies.
* Proficient in N-tier application design and development using **Struts, Spring MVC, Spring Dependency Injection, Spring AOP** and used spring with Object Relational Model to integrate Spring Framework with Hibernate and JPA.
* Good knowledge and hands on experience in **RDBMS** like **Oracle and MySQL**. Working experience in NoSQL databases such as **MongoDB**.
* Experience in platform as a service (PaaS) technologies such as **Cloud Foundry**.
* Experience in using front end technologies such as HTML5, CSS3, XHTML, JavaScript Libraries and frameworks such as **JQuery, AngularJS, NodeJS and MeteorJS** to develop the User Interfaces
* Provided interoperability over different applications using Simple Object Access Protocol **(SOAP)** and Representational State Transfer (**REST)** and extensively used different data formats such as **JSON and XML** for data communication.
* Experience developing **E-Signature services** for web-based applications.
* Experience working on different cloud platforms such as **Amazon Web Services and Microsoft Azure.**
* Development of Restful services using **Restbed** in C++.
* Extensive experience in using **MVC (Model View Controller)** architecture for developing applications using **Servlets, JSP, Struts, JDBC, Java Beans.**
* Experience in writing **SQL queries**, **PL/SQLstored procedures** and functions using **Oracle** and **DB2**. Tremendous knowledge in working with databases like **Oracle**, **DB2**, **MS SQL** and **My SQL.**
* Good knowledge in implementing Adobe AEM templates, components, workflow, style sheets, tagging and performing CMS administration tasks.
* Strong in **Object Oriented Analysis and Designing** (OOAD) and **Object-oriented programming** (OOP).
* Importing the data into Spark from Kafka Consumer group using Spark Streaming APIs.
* Have knowledge on **Cloud Computing.**
* Extensively worked on implementing **Service Oriented Architecture** (SOA) using **XML Web Services, Handling SOAP Request** and **Responses**, creating Web service clients, handling communication calls to methods and External Interfaces.
* Experience with using **IDEs** like **RAD**, **WSAD**, **Eclipse 3.x, Maven, and JBuilder.**
* Good experience in installing, deploying and testing with multiple Application Servers like **WebSphere 5.1/6/7,** **WebLogic 10.1/8.1/7.0**, **JBoss Application Server** and **Tomcat web container.**
* Experience in writing **SQL queries**, **PL/SQLstored procedures** and functions using **Oracle** and **DB2**.
* Strong work experience in application integration using Web Services such as **JAX RPC, JAXB, JAX-WS, SOAP, WSDL, JAX-RS, RESTful.**
* Expert in architecting, developing **Sencha** applications and successfully deployed into production.
* Used **GIT** and **CVS** for version control and **Source Code Management**.
* Experience on **Java Multi-Threading**, **Collection**, **Interfaces**, **Synchronization**, and **Exception Handling**.
* Expert in object-oriented JavaScript programming and Sencha Ext JS most recommended pattern MVMVC pattern.
* Experience in developing web-based applications using Python, Django, PHP, Angular JS, VB, C++, XML, CSS, HTML, DHTML, JavaScript and JQuery
* Experience with **APT**, **ORM**, **and Query** and **Reporting tools**.
* Experience with **Messaging Systems**, **IBM Message Broker**
* Strong work experience in application integration using Web Services such as **JAX RPC, JAXB, JAX-WS, SOAP, WSDL, JAX-RS, RESTful.**
* Experience in implementing complete **Software development life cycle** (SDLC) for various applications including Analysis, Design, Development, Implementation, Maintenance and Support.
* Experience in working with various **J2EE** technologies including **Servlets, JSP, JSTL, JSF, Apache-Axis, Apache-Tomcat, Apache wicket, GWT, Web Logic, Java Beans, Struts, Spring, Hibernate, JDBC, JAXB, ANT, Ajax, JavaScript, Web Services, Java SOA.**
* Experience in **Web Sphere Application ServerV6.x/7.5**, **IBMHTTP Server**, **Sun-one Webserver** and **IBM Rational Application Developer V7.5/v8.x** on **AIX**, **Solaris**, **Linux** and **Windows platforms**.
* Experience with **Pivotal cloud foundry** setup Configuration/maintenance.
* Expertise in working with **EFT**, **Hibernate**, **Spring**, **Struts** and **Web Services**.
* Expertise with **AOP modules** and **MVC** in **Spring and Restful Web Service Development**.
* Experience with various **IDE’s** like **Eclipse**, **My Eclipse** and **Net Beans**.

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages** | **Java 1.7, 1.8, J2EE, PL/SQL, Java Enterprise Edition, NoSQL, Python.** |
| **Web Technologies** | **Servlets, JSP, Struts, Spring boot, Spring (IOC and AOP), Spring 3, Spring 4 Hibernate, MDBs, Session Beans, JavaScript, AJAX, DOJO, angular JS, node JS, Java Mail, HTML, CSS, DTD, SCHEMA, XML, XSLT, SAX, DOM,API.** |
| **Web Services** | **SOAP, WCF, REST, WSDL, JAX-RPC, JAXB, JAX-WS, Apache Axis** |
| **Databases** | **Oracle, SQL Server, DB2 and MySQL, MongoDB.** |
| **Distributed/ Middleware** | **JMS (Java Messaging Service)** |
| **Tools/Software** | **Eclipse, My Eclipse, RAD, Net Beans, SQL, TOAD, SQL Developer, Clear case, Subversion, JUnit, UML** |
| **Application/Web Server** | **Apache Tomcat, JBoss, WebSphere and WebLogic** |
| **Operating Systems** | **UNIX, Linux, Windows** |
| **Protocols** | **TCP/IP, HTTP, HTTPS (HTTP+SSL), TELNET, FTP** |
| **Other Tools & Design Patterns** | **ANT, MVC, Front Controller, Service Locator, Business Delegate, Transfer Object, Singleton, Factory Pattern, DAO Pattern** |

**PROFESSIONAL SUMMARY:**

**Becton Dickinson, Franklin Lakes, NJ March’2017 – Till Date   
Role: Full-Stack Java Developer**

**Responsibilities:**

* Involved in the requirements gathering. **Design, Development, Unit testing and Bug** fixing.
* Developed a Restful web application using **Spring 3 Framework, Spring Boot and Hibernate.**
* Developed rich user interface using **HTML5, CSS3 and AngularJS and Bootstrap framework.**
* Used **NodeJS to develop** the server side of the application.
* Involved in converting Hive/SQL queries into Spark transformations using Spark SQL, Python and Scala.
* Used **Streams and Lambda expressions** available as part of Java 8 to store and process the data.
* Used Multithreading to enable multiple operations to be performed simultaneously.
* Currently developing the **mobile** versions of the application using **Ionic and Cordova upon NPM.**
* Used Micro services to build individual components of the application.
* Worked on **AWS Lambda** functions development as part of the Micros services development.
* Imported data from various resources to the Cassandra cluster using Java API.
* Integrated Java and Angular based application to Elastic Search tier via Spring 4 Restful Controllers communicating to a custom java utility wrapping the Jest API.
* Developed share view using Sencha Touch for non-flash supporting devices.
* Developed Java components for Adobe CQ5 CMS (Content Management System), set up all the dependent properties required for the application to an XML file and can also modify the property values and set the values to the Nodes.
* Code and developed custom Elastic Search Java based wrapper client using the "Jest" API. To facilitate common access, to Elastic Search.
* End to End Integration development from JIRA to Service Now using Restful calls using C++/ JAVA/ Groovy.
* Used Docker to containerize the Services and APIs to run on EC2 instances.
* Designed and developed backend application servers using Python.
* Using Load Runner, execute multi-user performance tests, used online monitors, real-time output messages and other features of the LoadRunner Controller.
* Experience in working with CCM (Cassandra Cluster Manager) and Cassandra node tool
* Committed codes into GIT.
* Used Ext JS UI components to implement various functionalities.
* Used Amazon EMR to process the data on hadoop clusters. Used S3 to store the data in buckets and EC2 to run the virtual servers on the cloud.
* Worked on Sencha JS framework. Developed T/O editor (grid) using Sencha. Worked on the class and editor level validation.
* Created AWS Lambda functions for AWS config rules using Node.js version 6.2
* Designed and developed an e-signature module for the users to agree to the terms before using the application.
* Created new reusable Ext JS components.
* Used Jenkins for continuous integration and test automation. Used **Kafka for data streaming. Used Maven as a building tool.**
* Stored the data in **MongoDB** in the form of Non-relational databases.
* Used Jersey, a JAX RS implementation to build the REST web service.
* Used Tableau for data visualization i.e., generating the data graphs and statistics related to user data. Used eclipse IDE.
* Worked on different UI task that generates various reports and tapes using Sencha grid.
* Experience in using various developer tools like Firebug, IE developer Tool, Google analytics and Chrome web developer plugins.
* Adopted Test Driven Development while **working in an Agile** Scenario.
* Worked with QA team in preparation and review of test cases, production support and defect fixing.

**Environment:** Java 1.8, Spring, Sencha Touch, Hibernate, LDAP, C++, Tableau, Docker, Junit, Mockito, Jersey as JAX-RS implementation, Jasmine, Python, Load Runner, apache wicket, AngularJS, Serverless framework, Maven build tool, GWT, AWS, SaaS, Web logic 10.3, JUnit, JIRA, Eclipse, GitHub Repository.

**Sammons Financial Group, Sioux Falls, SD Jan’2016 – Feb’2017**

**Role: Java/J2EE Developer**

**Responsibilities**

* Good understanding of microservices architecture and work closely with architect for product requirement and management stack.
* Responsible for creating efficient design and developing User Interaction screens using **HTML5 (new tags like audio, video, canvas) CSS3, JavaScript, jQuery, AJAX and JSON**.
  + Working on Automated microservices development framework to improve fast development and easy Onboarding process.
  + Developed **Spring Boot** based **Micro Services** & implemented Spring cloud/Netflix **API** architecture p Confidential erns (Eureka Service discovery, Configuration server).
  + Used **HTML5** elements like video, audio and **canvas** in making the website interactive.
  + Hands-on experience in developing and deploying loose coupled **microservices**.
  + Expert knowledge of deploying container-based applications using tools such as **Docker**
  + Good knowledge of Functions as a Service and Server-Less architectures such as **AWS Lambda** and **payment Gateway.**
  + **Used ReactVR** framework to build the web version of **Jio's Virtual**
  + Worked on Design and development of **RESTful APIs** using **Node.js** and **JSON**.
  + Good understanding on enhancing microservice performance by using task manages and webpack with serverless framework.
  + Facilitates Angular components like modules, components, built-in and customized directives, services, components to build **Model-View-Controller (MVC)** architecture for the web application using **typescript.**
  + Configured **Spark** streaming to receive real time data from the **Kafka** and store the stream data to HDFS using **Scala**.
  + Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **angular 2.**
  + Developed Virtual Bathroom/Shower designer, with a 3D view using **ReactJs** Rendering and **ThreeJs** Library for 3D Modules.
  + Utilized Angular for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the **GitHub** API through keywords.
  + Implemented User Interface using **HTML, CSS, Type script, Bootstrap 3.X, Angular 2.x.**
  + Configured **Kafka** to read and write messages from external programs and handle real time data.
* Expertise in client scripting language and server-side scripting languages like **JavaScript, jQuery, Node.js, Express.js, React.js, Redux, Angular.js 2.**
  + Expert on implementation of **Restful API** using Sequalize.js (**MySQL ORM**) with **Node.js** framework.
  + Extensively used **CSS (Cascading Style Sheets) along with RWD** to apply different styles to the layouts for varying screen sizes and pixels.
  + Experience in handling messaging services using **Apache Kafka**.
  + Working closely with Database Administrator for architecting data-model and building strategies as per requirement.
  + Experience with **DevOps** tools Jenkins, JIRA, SVN.
  + Working in **MySQL, RDS database with node.js framework to develop APIs.**
* Intermediate knowledge of developing AWS services bases on architecture with **API Gateway.**
* Expert knowledge of modern back-end JavaScript (**Node.js**), **front-end JavaScript, Angular 2.0, HTML, & CSS, including libraries and frameworks.**
* Used **Node.js, AWS, Lambda** for building customized Alexa Skill Set.

**Environment:** HTML, HTML5, CSS3, GIT,AJAX, RWD, jQuery, DOM, GUI, Handlebars.JS, JSON, JavaScript, AWS, Lambda, Typescript, EXTJS, ES6, Bootstrap, data structures, AngularJS 2, GIT, Nodejs, Xml, RESTful Web Services.

**Daimler, Farmington Hills, MI Aug’2014 – Dec’2015 Role: Java /J2EE Developer**

**Responsibilities:**

* Involved in analysis, design and high-level coding phase.
* Developed the application using **J2EE Design Patterns like Singleton and Factory pattern.**
* **Used MVC at presentation layer.**
* Developed front-end content using **JSP, Servlets, DHTML, JavaScript and CSS.**
* Created Data source for interaction with Database.
* Developed **SQL stored procedures** and prepared statements for updating and accessing data from database.
* Created RFP (Request for Proposal) micro service to provide RESTful API utilizing Spring Boot with Spring MVC.
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Involved in integration of layers (UI, Business & DB access layers).
* Coded classes to invoke Web Services.
* Involved in Performance, Load and Stress Testing using Load Runner.
* Monitored the error logs using Log4J and fixed the problems.
* Developed, implemented, and maintained an asynchronous, AJAX based rich client for improved customer experience.
* Validated the UI components using **AJAX Validation Framework**.
* Implemented **Ajax with JQuery** to refresh user selections
* Developed the Action classes and Form Beans.
* Developed XML Converter classes based on **JDOM and XPATH and XML** technologies to obtain and persist data
* Developed and worked with JSP custom tags
* Involved in system, Unit and Integration testing.

**Environment:** Servlets, JSP, DHTML, Struts, JavaScript, UML, Python, Web Services, HTML, WCF, CSS, XSLT, Eclipse, Java1.5, J2EE, SQL, Ant, Ajax, Load Runner, JQuery, Sun Solaris Unix OS Log4J and Oracle 10g.

**ING Vysya Bank, Bangalore, India Jan’2013 – April’2014**

**Role: Java developer**

**Responsibilities:**

* Designed and implemented solutions based on requirements.
* Deep exposure to various levels of Spring frameworks including core spring API.
* Deep exposure to ORM technologies like Hibernate.
* Exposure to continuous integration tools like Anthil Pro and Jenkins.
* Knowledge and configuration of build tools like Maven.
* Exposure to **web application servers like Tomcat & WebSphere.**
* Exposure to version control tools like **SVN, Perforce and Rational clear case.**
* Worked with clients with various domains like Entertainment, Retail and Healthcare.
* Created Action Classes for the application using **Model View Controller (MVC)** approach.
* Involved in developing and configuring server side J2EE components like **Servlets, JSP, JDBC, JSON, REST Web Services, JNDI, LDAP, J2EE platform using Eclipse IDE.**
* Used spring core for dependency injection/Inversion of Control (IOC) and connection pooling.
* Developed JSON objects and wrote rules using ILOG JRules business engine in UNIX development environment.
* Maintained detailed technical documentation relating to development assignments using ILOG JRules.
* Maintained backup schedules for server storage using Java Batch processing jobs using shell scripting.
* Developed web-based user interfaces using Servlets, **JSP, HTML, CSS and XML based client and server application.**
* Implemented Spring MVC architecture and increased modularity by allowing the separation of cross-cutting concerns using Spring AOP.
* Written Client/ Server-side validations for the project using Struts Framework.
* Implemented Java**Persistence API (JPA) through Hibernate.**

**Environment**: Java, J2EE, Servlets, JSP, CSS, Log4J, Hibernate, Angular JS, Web services, Jboss, Apache Tomcat 8.0, Eclipse, AJAX, JUnit, Html, HTML, JavaScript, JSP, Struts Framework, Spring Framework, Spring IOC, JDBC, XML, JSON, Oracle, MySQL, XML.

**Value Labs, Hyderabad, India June’2011 – Dec’2012**

**Role: Software Engineer**

**Responsibilities:**

* Designed and developed Customer pages using JSPs, Spring MVC Framework, SaaS and Hibernate to handle the workflow of the application with Oracle as the back-end
* Created UI pages and applications using HTML5, CSS3, and JavaScript.
* Understood existing application functionality, and built the system based on Java andJ2EE architecture supported technologies, spring, hibernate, Oracle application servers.
* Developed Servlets and JSP for Data retrieval implementation with User Interface.
* Designed Developed an application using **JDBC with SQL/PLSQL for database** connectivity.
* Responsible for Hibernate-mapping XML Files.
* Designed and developed the view-controller components using **Servlets/JSPs, JavaScript, CSS, JQuery, AJAX, HTML and DHTML.**
* Developed user-friendly interface to seamlessly combine the new module with existing login system by using **Angular JS.**
* Responsible for making **AJAX Calls for the UI Interactions to the Controller Actions using Angular JS and getting the Data back as JSON and parsing it onto the UI.**
* Developed the JSON structure for the data transfer in between the Goggle Web Toolkit (UI) and business tier.
* Designed and developed **Restful APIs** for different modules in the project as per the requirement.
* Developed JSP pages using Custom tags and Tiles framework.
* Developed the User Interface Screens for presentation logic using JSP and HTML.
* Developed Java Server components using spring, **Spring MVC, Hibernate**, Web Services technologies.
* Have Used Spring IOC to inject the services and their dependencies in dependency injection mechanism.
* Developed SQL queries to interact with **SQL Server database** and involved in writing PL/SQL code for procedures and functions.
* Developed the persistence layer (DAL) and the presentation layer.
* Analyzed existing jobs and configured data for Job setup. Understood the functionality and debugged the jobs involved
* Created and Collected data for testing various jobs. Tested the jobs and prepared a report on outcome of job.

**Environment:** Apache Tomcat, Java, JSP, Servlet, EJB, JDBC, Java beans, Design patterns, XML, Hibernate, Windows, Oracle, Log4J, Eclipse.