**Sneha A**

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# PROFESSIONAL SUMMARY

* **Over 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, 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.
* 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.**
* 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**

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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, db, 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**.
* 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.
* Good knowledge on both P2P Model and Pub/Sub Model of JMS messaging models with providers like OpenMQ (glassfish's default), **HornetQ (JBoss)**, **ActiveMQ**, Apache Kafka and RabbitMQ, IBMMQ.
* Used Java Messaging Services JMS (**HornetQ**) and WebSphere MQ for reliable and asynchronous exchange of important information such as payment status report.
* 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 Hibernate as an **ORM** tool for connecting to the database and accessing information.
* Ability to guide design and strategy for use of electronic system tools to improve process, mine data, extract and report data.
* Created RFP microservice to **provide RESTful API utilizing Spring Boot with Microservices.**
* Good knowledge in configuration and management of **RDBMS** systems like MySQL, **Postgres.**
* 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**).
* Extensive exposure to **JAVA, J2EE, JSP, JDBC, Servlets, spring, Hibernate, Struts, GIT.**
* Involved **Java/J2EE** based applications and **Java/JEE** based portal projects
* Implemented **RESTful** Web services to retrieve data from client side using Spring boot.
* Lead **API** lifecycle development; responsible for software development and code quality.
* Develop **API services** in an Agile environment.
* 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.**
* Used a **Microservice** architecture, designed and developed **RESTFUL** web services using Spring Boot framework.
* Implemented Hibernate **ORM** tool integration with Spring MVC to interact with back end persistence system Oracle.
* 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 for uploading files.
* 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**.
* 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.
* Installed, configured, and administered NoSQL database clusters in **AWS** Virtual Private Cloud Network for available data on cloud.
* 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.
* 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 java **SE8** features like stream, lambda expressions, functional interface and type annotations and worked with core java concepts like Multithreading, Transaction Management, Exception Handling.
* 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, AWS, Hibernate, JEE, Maven, Bamboo, Jenkins, Tortoise SVN, HornetQ, jQuery, AJAX, Eclipse, HTML, XHTML, XML, CSS, JavaScript, Agile methodology, Oracle, Kafka, AngularJS, microservice, 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.
* Deployed application on **JBOSS** Application server.
* Developed **Oracle PL/SQL** store procedures and functions to process information used to generate reports.
* Experience working with Relational Database (**RDBMS)** concepts like database designing, Normalization, **PL/SQL**, Stored Procedures, Triggers etc.
* 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.**
* Developed **RESTful API** to retrieve data from databases and send it to frontend Screens in required format.
* Designed and developed the **REST based Microservices** using the **Spring Boot.**
* Deployed the application using **Docker** and **AWS** Console services.
* Designing and developing **Restful API** and services using best practices to interact within the **microservices** and with the front end.
* 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.
* Experienced in implementing **Microservices,** **Service Oriented Architecture (SOA)** with **XML** based Web Services
* Designed and Developed user interactive screens **using Angular JS, JavaScript, jQuery** and **HTML5** and **JSP**.
* Developed a single page, mobile-first, cross-device/cross-browser web application for real-time location sharing utilizing **Angular.JS, JavaScript API.**
* 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, 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.
* Used **JDBC API** to establish connection between Java and Database
* 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).**
* 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 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.
* 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,jQuery, Angular JS, AWS, JSON, Web Logic Server, Junit, JIRA, Eclipse.

**Daimler, Farmington Hills, MI Jan’2015 – 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.

**ING Vysya Bank, Bangalore, India June’2013 – Dec’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.

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