**Sneha Andhe**

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# PROFESSIONAL SUMMARY

* Around 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, 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.
* Experience in developing web applications with Struts, Struts Validation Framework, Spring framework JSF, Hibernate and OR-mapping, JPA, Spring, build tools like ANT, MAVEN and logging framework Log4J.
* Experience with Hibernate 3.0 Persistence Framework and Design patterns like Singleton, Factory.
* 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, 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, JBoss & Tomcat server.
* Experienced using version controls like GIT, CVS, SVN and ClearCase and code analysis tools like Find Bugs and Check style.
* Experienced with wide range of software development environments micro services, SOA, Web Services - (SOAP/REST).
* Experienced in using Junit, Testing for unit testing & log4j and logback for logging.
* Experienced some of the networking concepts and working on Linux environment.
* Experience in working with ORM tool like Hibernate.
* 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.

**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, Angular2/4, 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 |
| **Build Tools** | Maven, Ant, Bamboo |
| **Other Tools** | Eclipse, Net Beans, Stash, Swagger, SQL Developer, UML |

**PROFESSIONAL EXPERIENCE**

**Humana, Louisville, KY 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 4, services, models** for two-way data binding and used Angular-UI components for the SPA development.
* LINQ and designing an object-oriented system using **Python** and SQL Server.
* Involved in the process of**Cassandra** data modeling for efficient querying.
* Developed Backend **Spring** resources to serve the **JSON** data to the web interface.
* Developed the application using **Spring boot and Maven**.
* Used Grunt & Gulp server and python scripts for automation of tasks.
* Developed startup and log rotations scripts for **webserver and MQ products**.
* 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**).
* Developed **microservices** with **spring Boot** and deployed into containers using AWS instance and Docker.
* 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.
* Developed monitoring and notification tools using **Python**.
* Development of **Python APIs** to dump the array structures in the Processor at the failure point for debugging.
* 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.
* Developed Java MVC web applications, **Restful Web Services API** development using Spring MVC, **Spring BOOT** and Spring AOP and Client side MVC applications using **Angular4**.
* 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.**
* Created **Docker** images using Spotify **Maven** Plugin, for deployment of **microservices**.
* 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 Multitier 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.
* 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.
* Used Cloud Watch for monitoring **AWS cloud** resources and the applications that deployed on **AWS** by creating new alarm, enable notification service.
* 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.** Knowledge in Application Design and Development using **OOA, OOD, OOP, MVC, SOA and J2EE**.
* **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.

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

## **Home depot, Atlanta, GA 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.
* 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.
* Experience in Implementing Continuous Delivery pipeline with **Maven, Ant, Jenkins and AWS.**
* Web based development experience utilizing **Python**.
* Development of test framework using the **Python**.
* Used **Spring Framework for Dependency Injection** and integrated with the **Hibernate.**
* Used **Python** programming and language to develop a working and efficient network within the company.
* Good understanding on enhancing **microservice** performance by using task manages and webpack with serverless framework.
* Worked on **SOA** architecture to integrate the different applications for reliable and effective data exchange.
* Extensively used **MVC**, Factory, Delegate and Singleton **design patterns**.
* Developed various Apache 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.
* **XML and REST micro services** were used to exchange structured and typed information with help of web service over the Internet.
* Developed Spring Framework based **RESTFUL Web Services for handling** and persisting of requests and **Spring MVC** for returning response to presentation tier.
* **D**eveloped **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), and Git (Source Code Management)**
* Used **Maven** for project dependency management and **Log4j** for logging.
* Built Web pages that are more user-interactive using Angular JS, NodeJS, **Jasmine, Karma,** HTML5, CSS3, LESS, RESTful API Services, JavaScript, Bootstrap, Git, JSON.
* Installed, secured, and configured AWS cloud servers with Tomcat, MySQL, Apache, etc.
* Developed **microservices** with **spring Boot** and deployed into containers using AWS instance and Docker.
* Implemented **Spring** Beans using IOC and **Transaction management** features to handle the transactions and business logic.
* Involved in the **SOA** implementation using Axis/WebLogic web service framework for different product integrations and Web Service interfaces using **SOAP.**
* Prepare Test Environment (**Git**) for Unit testing and Integration Testing.

**Environment:** CoreJava, Spring 3.x, JSF, Jenkins, Hibernate, Data Scanner, Bamboo Gulp, XML, JNDI, Oracle 10g, Restful web Services,jQuery, Cassandra, AWS, Angular JS, Node JS, Angular 2, Microservices, JSON, Web Logic Server, Junit, JIRA, Eclipse.

**Bed Bath & Beyond, Union, NJ June’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**. 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.
* Performed research regarding **Python** Programming and its uses and efficiency.
* 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.
* 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.**
* Developing the **Python APIs** which represent the memory subsystem.
* Performed **server-side development using JDBC and DAO on Oracle database**.
* 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, Node JS, Hibernate, Oracle, SQL, Spring (MVC, IOC, DAO), JMS, Web Services, SOA, Eclipse, Maven, Unix, Linux and Agile Methodology.

**HDFC Bank, Mumbai, India Mar’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, **jQuery**.
* 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**.
* User input validations done using **JavaScript** and developed use cases using UML.
* 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.**
* 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.
* Making modifications to make the **plug-in compatible for new JIRA versions.**
* 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.

**Wilshire Software Technologies, Hyderabad, India June’2011 – Dec’2012**

**Role: Web Developer**

**Responsibilities:**

* Worked on **HTML**, **CSS**, and basic **JavaScript** to develop web pages.
* Developed **CSS** templates.
* UI development and setup Community Server Social Network member and SharePoint sites.
* Used **Node JS** application server to browse the events in socket.io.
* Developing workflow management using **AngularJS**.
* Strong understanding in using controllers, modules, directives, factories, injections and digest cycle in AngularJS. Used AngularJS as the development framework to build a single page application.
* Worked with subversion for check in and checkout unit code.
* Developed UI using **AngularJS** for rich user interaction.
* Worked with **NPM** commands and using package. Son for managing dependencies and dev-dependencies of **NodeJS** applications.
* Worked with **Grunt** task runner configurations for minification.
* Implemented **AJAX** based UI with above said architecture with rich internet UI in modules.
* Did analysis and research about backbone.js and implemented prototype in **Backbone JS** for the profile page module.

**Environment:** HTML, CSS, Bootstrap, AngularJS, JavaScript, Node JS, NPM, Backbone JS, AJAX, Grunt