## **Sneha Ande**

IT professional with over **7+ years**of experience in Object Oriented Analysis, Design and **Java Development** using **Java8/J2EE** technologies. Excellent communication and interpersonal skills, quick learner, self-motivated, ability to work individually and as well as in a team environment with good team spirit.

**Professional Summary:**

* Experience in all stages of Software Development Life Cycle (SDLC) including gathering requirements, analysis, design, development, testing and implementation of projects using software methodologies like **Agile/Scrum** and **Waterfall**.
* Extensive expertise with **Java8, J2EE**, **JSP, JDBC, Servlets, Java Beans, EJBs** (Session beans, Entity Beans and JMS), **J Boss, JavaScript, Angular 2, Knockout js, jQuery**, **CSS, Ajax, Jason, XML, DTD,XSD, JAXP, JAXB, Web Services, Struts, Spring, Microservices**, **Hibernate** and **Oracle PL/SQL.**
* Good knowledge on Object Oriented Analysis, Design and Object modelling using **UML** like Class diagrams, **Use cases**, **Sequence** and **Test Cases**.
* Experienced in Behavior driven development (BDD) and Test-driven development (TDD) approach using **SCRUM** framework under **Agile Methodology**.
* Having Extensive experience on **core java** concepts like Multi-Threading, Inheritance, Abstraction, Encapsulation, Polymorphism, Exception handling, and Collections Framework.
* Extensively used **Java 8 Streams**, Lambdas and Filters to process Order data.
* Expertise in **Java Servlets**, **JSP, Struts**, **EJB** (session Beans and Message Driven Beans), **JMS, JDBC**, **Frameworks** (Struts, spring, Hibernate, JSF) in Implementing web based and enterprise solutions.
* Used **NodeJS, React. JS**, and **Backbone.JSMVC framework** for developing the Single Page Application (SPA).
* Worked with **Microservices** using **J2EE** Web Services based on **Spring Boot** and created dynamic documentation of **RESTful** endpoints using **Swagger** API.
* Used **Swagger** specification for documenting **REST API's,** which exposes description of a **RESTFUL** web- services to different clients.
* Expertise in implementing applications with **Model-View-Controller** (MVC) pattern and implementing various **Java8/J2EE** design patterns including Singleton, Factory, **MVC,** Front **Controller**, **DAO**, Data Transfer Object and Session Facade.
* **DevOps** role included automation of processes. Heavy use of shell scripting in order to automate deployment an post deployment activities.
* Proficient in building Web Applications using **HTML5**, **XML**, **XHTML**, **AJAX**, **JavaScript** (jQuery, **AngularJS**), **Bootstrap** and **CSS** in a Client/Web Server environment.
* Experience in working in Software Configuration Management using **TortoiseSVN**, **Microsoft Visual Source Safe** (VSS) and Visual Studio Team Foundation Server (TFS).
* Building and deploying applications in **AZURE**.
* Good experience in writing application on **No SQL** databases like **Cassandra** and **MongoDB**.
* Experience in developing the User Interface (UI) Applications and professional web applications using **HTML 4.0/5, CSS2/CSS3**, **JavaScript**, **Angular JS 2.0/4.0**, **React JS, Node JS, jQuery**, **AJAX, JSON, XHTML, XML** and **Bootstrap**.
* Hands on Experience with Middleware Technology Messaging Brokers like **JMS, Active MQ**, **Rabbit MQ**.
* Auto documented **REST** services using **Swagger** and **WSDL** for **SOAP WS**.
* Experience in dealing with **CI/CD** tools like **Jenkins,Git Stash**, **Dockers**.
* Exposure building **Java applications** using tools like ANT, MAVEN and Gradle.
* Have experience working in **Agilemethodology**.
* Experience in **Data Modeling** and working with **Cassandra Query Language** (CQL).
* Experienced in **React JS** and working with React Flux architecture.
* Developed and maintained code for various applications using **PHP, Java8** and **MySQL**.
* Created **LINQ** enabled database layer using **API** such as **LINQ** to **SQL** and **Entity Framework**.
* Experience in creating SPA pages with **AngularJS**.
* A Good team player with excellent communication and inter-personal skills with a positive attitude towards work, loyalty towards time schedules for worthful delivery.

**Technical Expertise:**

**Languages** Java8, J2EE, XML, PL-SQL, Unix Shell Script, C, C++, JavaScript.

**Databases** SQL Server, MySQL, Oracle Postgres SQL, Mongo DB, Cassandra.

**Web Technologies** JSP, JSON, Servlets, XML, HTML, XSLT, JSF, CSS, JavaScript, Node JS, Angular JS, Angular 2.0/4.0, Bootstrap, DOJO, JAXB 2.2.11, JMS.

**J2EE Technologies** Struts, Spring, JDBC, EJB, Java Beans.

**Application Servers** JBOSS, BEA WebLogic […]

**Web Servers** Tomcat 6.x/7.x/8.x, IBM WebSphere.

**Database Tools** TOAD, SQL Developer, MySQL Work bench.

**Operating Systems** Windows, Unix and Linux.

**IDE's** Eclipse, IntelliJ.

**Frameworks** Struts 1.x/2, JSF 2.x, Angular JS 2.0/4.0, Spring 4.x/3.x, iBatis 2.x, Hibernate 3.x/4.x, JSP and velocity, Spring MVC, Apache Camel.

**Tools & Packages** CVS, SVN, GIT, GitHub, Maven, Gradle, Jenkins, ANT, Log 4J, Mockito, Junit, Jenkins, JIRA, Design Patterns.

SDLC Methodologies Agile, Waterfall and Scrum Models.

**Education:**

Bachelor of Engineering at Anurag College of Engineering, Hyderabad, India.

Master’s degree at DeVry University, Chicago, Illinois.

**Professional Experience:**

**American Airlines, Fort Worth, TX Feb 2017 – Till Date**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in full life-cycle of the project from requirements gathering to transition using **Agile Methodology**.
* Following **Agile - Sprint** methodologies to do requirements gathering, analysis and planning, development & testing.
* Participating in Agile scrum meetings, updating the tasks based on the user stories in Rally.
* Using **Eclipse** as **IDE** tool and Rally for bug and issue tracking, Any Point Studio for Mule Soft.
* Developing an Integration Component with third party application using Mule ESB 3.7.1.
* Implemented **Java 1.8** features for the existing application where ever required.
* Implementing **SOAP web service** components using **JMS**, **Mule ESB**.
* Developing **Core Java** programs for all business rules and workflows using spring **MVC** framework and spring Data **MongoDB.**
* Adopt **Devops** model for build and deployment of application components
* Using **Spring Boot** for developing microservices, Soap to retrieve data from client-side using Microservice architecture and Pivotal Cloud Foundry (PCF) for deploying microservices.
* Rewriting **java code** using AKKA Framework because of Mule performance issues.
* Developing code for **SOAP Web services** using **XML** and used **SOAPUI** tool for testing the services proficient in testing Web Pages functionalities and raising defects.
* Involving with bug fixing on functionality, performance and designing issues with **JavaScript** and **AngularJS.**
* Created the **Node.js EXPRESS** Server combined with Socket.io to build MVC framework from **front-end sideAngularJS** to back-end **MongoDB**, in order to provide broadcast service as well as chatting service.
* Created proof-of-concept using responsive web design, **Node.js, React JS, HTML5** and **CSS3**. Resolving Cross Browser Issues.
* Used **Jira** Atlassian tools like **Bamboo** for Continuous Integration and deployment, **Bit Bucket** and Confluence.
* Build **REST** web service by building **Node.js** Server in the back-end to handle requests sent from the **front-end jQuery Ajax calls**.
* Using **SOAP UI** and **POSTMAN** for testing Workday endpoint URL's and development of webservices.
* Implementing Swagger Configuration in **Java Spring** boot for auto generating swagger **JSON** files for **REST API** call.
* Implemented **AngularJS** Controllers to maintain each view data. Implemented **Angular** Service calls using **Angular Factory**.
* Used **SOAP** based **Web Services** from scratch to develop interfaces to integrate between **front endsystems** and **back end systems**.
* Hands-n experience in Automation tools like **chef, puppet,Kafka**.
* Implemented source control and version control using **GIT Hub** and **JIRA**& Version One.
* Maintained the Version, Labeled Versions and Backups of the source using **GitHub**.
* Maintained and debugged existing code **Jira**, **Stash/GIT**, and Used **SVN** for version control.
* Everyday tasks include **Agile**, **Rally**, **Jira**, **GitHub**, **Stash**.
* J2EE application development on Windows and **UNIX** platforms using **MVC** pattern
* Created Business Logic Layer, Repository Layer & Data Access Layers to implement **MVC architecture**.

**Environment**:Java, J2EE, HTML, CSS, JavaScript, Spring Boot, Kafka, XML, Docker, JSP, Angular JS, Servlets, Spring, Struts, Jasper Report, Hibernate, MongoDB, Web services, SQL, Oracle, Swagger,GWT, Stash, AWS, bamboo,Microservices, Eclipse, GIT, Jenkins, Maven, Log4j, JUnit, WebLogic 10.X, IBM WebSphere Application Server, JIRA, ClearCase Unix/Shell Scripting.

**Alaska Airlines, SeaTac, WA Jan 2016 – Jan 2017  
Role: Java/J2EE Developer  
Responsibilities:**

* Involved in requirement gathering, functional and technical specification.
* Used **Java-J2EE** patterns like **Model View Controller** (MVC), **Business Delegate**, **Data TransferObjects, Data Access Objects**, factory patterns.
* Worked on testing and deployment automation with **Docker, MongoDB, Jenkins, AWS** and Ansible.
* Setup Drools Rule Engine on **JBOSS** server and manage configuration.
* Used **Spring boot** actuator to monitor and track the application in a production environment by check healthy, threads dump, and metrics.
* Used **Apache Kafka** (Message Queues) for reliable and asynchronous exchange of vital information between multiple business applications.
* Involved in writing java **API** for **Amazon Lambda** to manage some of the **AWS** services.
* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used agile methodology (SCRUM) for developing application.
* Upgraded existing UI with **HTML 5,CSS3**, **MongoDB**, **jQuery**and **Bootstrap** with **AngularJS 2.0** interaction.
* Used **Spring Framework** AOP Module to implement logging in the application to know the application status.
* Implemented the application using Spring IOC, **Spring MVC Framework**, **Spring Batch**, Hibernate and handled the security using Spring Security.
* Configured persistence-Context in Spring Framework and Hibernate as a persistence provider to interact with the database.
* Used **Swagger** for documenting **Restful API**.
* Implemented modules into **Node.js** to integrate with design and requirements & also back-end service using **Node.js** and **REACT** modules.
* Produced **Restful Webservices** using **JAX-RS** and **Jersey Framework**.
* Developed user interface using **JSP, JSP** Tag libraries, third party libraries and **Java Script** to simplify the complexities of the application.
* Utilized Cassandra, **NOSQL** database management system for keeping user generated data by upgrading of Couch base and Cassandra cluster.
* Converted the static **HTML** design markup to fully functional components by writing the custom directives in **Angular JS**.
* Good Knowledge in documentation of **REST APIs** using **Swagger** and **WADL**.
* Developed Microservices to provide **RESTful API** utilizing **Spring Boot** with **Spring MVC**.
* Moving existing monolithic architecture to microservices and migrating them to **AWS cloud**.
* Utilized **AWS EC2** instances to deploy **Docker** containers with microservices architecture.
* Experience with **AWS S3** services creating buckets, configuring buckets with permissions, logging, versioning and tagging.
* Developed single page applications using **AngularJS**.
* Used **jQuery** and **AJAX** to make asynchronous calls to the Controllers to validate business logic and load partial views in **MVC**.
* Configured **Swagger-UI,** registered Micro service with Eureka server to monitor service health check from **Spring Boot** admin console.
* Involved in enhancing the application for client’s requirement based on demand using the **MVC** pattern, **J Query, Bootstrap**, and **Web API** and SPA Application using **Angular JS**.
* Involved in creating web pages using **Angular JS**, **JavaScript**, **jQuery**, **HTML** 5.0 and **CSS**.
* Improved user experience using **jQuery**. Used **jQuery** event handling mechanism to dynamically assign events on web controls.
* Developed advanced **ETL** import packages using **SSIS**, **T-SQL** to transform and import raw index data into database tables.
* Provided efficient error handling to the **SSIS packages**.
* Used **Fiddler** to **debug** web **request** and **responses** to solve user issues on the client side.

**Environment**:Java, J2EE, Spring Framework, Angular JS 2.0, Spring MVC, Node JS, AWS, Cassandra, Docker, Hibernate, Bootstrap, HTML, Swagger,JSP, MongoDB, CSS, JavaScript, jQuery, AJAX, Rest Webservices, Microservices, Spring Boot, apache Kafka, Splunk, Selenium, Mockito, JUnit, JSON, WebLogic Application Server, Junit, GIT, Maven, Jenkins.

**United Health Group, Minneapolis, MN Jan 2014 – Dec 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in all stages of **SDLC** started from requirements gathering to Analysis, Design, Implementation, Testing and Deployment of entire project.
* Developed Web Service for retrieving Employee Data (based on **XML**, **WSDL**, and **SOAP**).
* Worked extensively on the **UI,** created views by utilizing **MVC3**, and created view models.
* Consumed Web Services using **WCF** for online transactions using **C#** and exposed them through **SOAP** and **HTTP**.
* Worked in an **Agile** work environment with Content Management system for **workflow** management and content versioning.
* Developed **Frond End Web** application by using **Angular JS, Bootstrap**, **HTML, CSS3** (SaaS) and JSF.
* Worked extensively with **Core Java**, **Multithreading**, and **Collections.**
* Reduced latency by 20% with utilized **Redis** to construct distribute **cache** processing
* Designed front-end user interfaces with **React JS** by creating many components and modules.
* Worked on Spring DAO module encapsulated using DAO pattern to implement persistent layer components.
* Used and implemented the application using **Spring MVC, Spring IOC**, **Spring Annotations** modules and Hibernate.
* Strong programming skills in designing and implementation of multi-tiered applications using web-based technologies like **Spring MVC, Spring Boot** and **Spring Cloud**.
* Developed Web Services to allow communication between applications through **REST** over **HTTP**.
* Used **JSON, XML, XSL** and **XSLT** for consuming **RESTfulWeb Services**.
* Migrating existing application into REST based Microservices to provide all the CRUD capabilities using Spring Security.
* Involved in migrating existing monolithic application into Microservice Architecture based **RESTful** Service and deployments were done using **Docker.**
* For deploying the application, we used **JBOSS** and we are responsible for usage of Continuous Integration and Continuous Delivery (CICD) process.
* Used **Oracle** as database and Involved in the development of **PL/SQL** backend implementation and using SQL created Select, Update and Delete statements.
* Implemented SOA architecture with web services using **SOAP, WSDL, UDDI** and **XML**.
* Designed extensive additions to existing **Java Web Application** utilizing Service Oriented Architecture (SOA) techniques.
* Deployment, support and configuration of cloud services performed such as **AWS** (Amazon Web services).
* Have done data model principles, fit-gap analysis, prototyping, development, implementation, maintenance and support during the product design and development.

**Environment**:Java, J2EE, JSP, Springs, Hibernate, Eclipse,Redis, Web Logic 10g, jQuery, MVC, Oracle 11g, HTML5, CSS, Angular JS, XML, UML, Web Services, JUnit, EJB, GIT, Windows, UNIX.

**HSBC Bank, Mumbai, India May 2012 – June 2013**

**Role: Jr. JAVA/J2EE Developer**

**Responsibilities:**

* Participated in requirement gathering sessions with the client and preparation/modifying of the requirements in Requirement Specification document.
* Designed and developed Application using Spring Framework, Spring MVC and Spring Templates.
* Developed front end using the JSF, JSTL, HTML, CSS, Bootstrap, JavaScript, jQuery, Typescript and AngularJS.
* Involved in Requirements gathering, analysis, and design, development, and Testing and Maintenance phases of the application.
* Implemented Agile development process on Software Development Life Cycle.
* Used Spring Core for concept Inversion of control (IOC) implemented using dependency injection.
* Used Hibernate Query Language (HQL) for writing the queries.
* Developed Soap and Rest web service clients to communicate with third party vendors.
* Involved in using REST API while integrating with servers.
* Created sequence and stored procedures for analyzing complex queries.
* Developed Junit test classes for unit testing purposes.
* Involved in setting up Maven configuration and helping Continuous Integration (CI) Issues.
* Developed server running script for automation using the JBoss 6.3 application server
* Extensively used GIT as the version controlling Tool.
* Configured Log4j for adding the debugging information in the code base.
* Involved in creating JUNIT test cases and ran the TEST SUITE. Ran check style, PMD defects & Find bugs and fixed them.
* Involved in debugging the defects, code review and analysis of Performance issues.
* Involved in peer level design & code reviews. Used GIT for version and source control.

**Environment:**Java /J2EE, Multithreading, core Java, Spring, Hibernate ORM 4.3.0, Spring web-flow, Spring MVC, Spring AOP, Spring Hibernate, JSF, JSTL, HTML, CSS, Java Script, AngularJS, Bootstrap, XML.

**Innominds, Hyderabad, India June 2011 – April 2012**

**Role: SQL Developer**

**Responsibilities:**

* Interacting with the business users to understand the functionality and their requirements.
* Designed and developed custom packages, procedures, Triggers using **PL/SQL.**
* Loaded data into Oracle using **PL/SQL**, **Dynamic SQL UTL\_FILE, SQL**\* Loader and extensive use of External Tables
* Designed the packages and procedures for getting the data from Source systems to ESA (Enterprise Staging Area) and from ESA to EDW (Enterprise Data Warehouse)
* Extensively worked on Oracle Packages, procedures and functions using **PL/SQL, SQL, SQLNavigator** and **PL/SQL Developer**.
* Performed unit testing on the developed code to ensure that its bug free and handled Production issues and manage the same in issue log.
* Interacted with Business Analysts and Users in requirement gathering, built complex queries using SQL and wrote stored procedures using **PL/SQL**.
* Involved in the database design for better understanding the relations, associations and dependencies within the database.
* Involved in creating people soft Interactive Charts and Navigation links using **Java Script.**
* Designed Technical design document based on the business requirements.
* Worked on SQL\*Loader to perform bulk data loads into database tables from external data files.
* Designed and developed Oracle **PL/SQL** Procedures, Functions, and Database Triggers and involved in creating and updating Packages to meet business requirements.
* Created **UNIX** shell scripts to automate data loading, extraction and to perform regular updates to database tables to keep in sync with the incoming data from other sources.

**Environment:**Oracle 10g, PL/SQL, Report Builder 10.1.2.0.2, Jasper Server 3.1.1/1.3.0, Jasper ETL, I Report 3.1.1/1.3.0, Toad 7.5.2.0, UNIX.