**Anandita Edla   
Full stack Developer**

**Email: edlasatya997@gmail.com**

**Cell: (919) 473-6105**

**PROFESSIONAL SUMMARY**

* Around **9 years** of experience working as a **Java /J2EE** developer designing, developing, deploying, and maintaining web-based, user-centric, client/server applications and Enterprise and Distributed applications.
* Expertise in Java programming and have good understanding on **OOPs, Collections, Exceptions Handling, Input/output (I/O) System, Annotations, Concurrency, Multi-Threading, Lambda and Generics**.
* Expert level experience with Web based Application design & development using **Java, J2EE, Spring Boot, Spring, Hibernate, Oracle, SQL**
* Proficient in developing front-end systems with JavaScript, jQuery, Ajax, Bootstrap, HTML5, CSS3 and JavaScript frameworks such as **AngularJS** and **ReactJS** library.
* Ability to create Single Page Application using Angular JS framework.
* Experience on Object Oriented Design Patterns such as **Singleton Pattern, MVC Pattern, Factory Pattern, Builder Pattern and DAO Pattern** with exposureto **UML Modeling**.
* Good experience working with the **Java1.8** and **JDK1.8** and implemented the new feature like Lambda Expressions, Functional Interface, Streams, Java Time API.
* Experience in working on various **Spring modules (Spring Core, Spring MVC, Spring Boot, DAO and AOP**), along with **Hibernate** as the back end **ORM** **tool** for implementation of persistence layer, Microservices using Spring and mapping of POJOs.
* Experience in using Spring Security with OAuth2 for SSO service.
* Expertise in implementing the persistence logic using **JDBC, JPA, Spring JDBC, Hibernate framework**.
* Expertise in implementing Service Oriented Architecture by using **RESTful web services**.
* Hands on experience in **Amazon Web Services (AWS**), services like EC2, S3, IAM, ELB (Load Balancers), RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS, SQS, Lambda, API gateways, Security groups.
* Experience with **AWS** **Cloud formation Scrip**ts and launch configurations to automate repeatable provisioning of AWS resources for applications.
* Deep hands-on experience on building scalable web service architectures with various relational **MySQL, OracleDB.**
* Experience with messaging systems like **Kafka, Kafka event sourcing**
* Experience in creating and handling real time data streaming solutions and handling messaging services using **Apache** **Kafka**.
* Experience in using IDE tools like **IntelliJ IDEA, Eclipse**
* Good working knowledge in extreme programming tools like **Gradle, Maven**
* Experience in java application testing using JSF UNIT and SoapUI for unit testing.
* Extensive experience in working with Unit testing frameworks **Junit** and integration testing with **Mockito**.
* Good experience working with **Continuous Integration** **and Deployment** **(CI/CD)** tools like **Jenkins**, **Docker**.
* Worked on CI/CD tool Jenkins to automate the build process from version control tool into testing and production environment.
* Experience in using version control and configuration management tools like **GIT**, GitHub.
* Expertise in using **Agile Software Development methodologies** like Scrum, Sprint and Test-Driven Development (TDD).

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Language** | Java, JavaScript, Typescript, Groovy |
| **Java Technology** | JSP, Servlet, JPA, JUnit |
| **AWS Components** | EC2, AMI, IAM, ELB, Auto scaling, SNS, SES, S3, RDS, VPC, Route53, Cloud Watch, Cloud Formation, Security groups. |
| **Web Services** | RESTful, SOAP |
| **Frameworks** | Spring (MVC, Core, Data), Hibernate, Spring Boot, JDBC |
| **Message Queues** | Apache Kafka |
| **Application Server** | Tomcat, WebLogic |
| **Data Bases** | Oracle, MySQL, Cassandra, MongoDB, Elastic search |
| **Query Language** | SQL, PL/SQL, HQL |

**PROFESSIONAL EXPERIENCE**

**Client: Hilton March 2022 - Present**

**Location: Mclean, VA**

**Role: Full stack Developer**

**Key Qualifications & Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application developed using Agile methodology.
* Used Spring MVC and Dependency Injection for handling presentation and business logic.
* Involved in creating the Hibernate POJO Objects and mapped using Hibernate Annotations.
* Implemented Spring JPA Repository for the persistence layer of the application (this layer communicates with the application DB - Oracle DB).
* Used J2EE design patterns like Factory, Singleton, service locator, and session facade, and DAO.
* Used Spring Framework AOP to implement logging in the application, Spring DAO for data access.
* Developed the application using Spring MVC Framework by implementing controller and Back-end service classes.
* Use Spring MVC with Annotations in integrating different layers within the application.
* Implemented features like logging, session validation using Spring AOP module and Spring IOC.
* Extensively worked on developing REST based Webservices and consumed them as needed.
* Consumed JSON RESTful Web Services and sent responses with Spring MVC.
* Used Spring Security for Authentication and Authorization of the application.
* Configured Kafka to handle real time data. Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Used combination of REST and Apache Kafka message brokers to produce and consume centralized spring Restful web services in JSON format.
* Developed DAOs layer using Cassandra big database and implemented RESTful web services that persists high-volume of data.
* Worked on deploying the applications in AWS as EC2 instances and create snapshots for the EBS volumes.
* Deployed Spring Boot based microservices in Docker and Amazon EC2 container using Jenkins
* Worked with Splunk and ELK stack for creating monitoring and analytics solutions.
* Developed Microservices using Spring MVC, SpringBoot, and Spring Cloud.
* Used Microservices architecture, with Spring Boot based services interacting through a combination of REST and SpringBoot.
* Implemented Micro Service Architecture with Spring Boot based RESTful services and consumed SOAP based Web Services.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Worked on creating **React custom pipes** to sort the history of various customers through order of date, year, and month, for display of the history of customer details in tables.
* Created reusable components and services to consume RESTAPIs using component-based architecture with React.
* Implemented React services to connect the web applications to the back-end API
* Used JUnit framework and Mockito framework for unit testing and integration testing.

**Environment**: Spring, Spring MVC, Spring JPA Repository, Spring ORM, Spring AOP, Spring IOC, Spring Security, Hibernate, Apache Kafka, ELK Stack, Docker, Kubernetes, AWS, React, JSP, HTML, CSS, Java script, JUnit.

**Client: Comcast, Manchester, NH Jan’ 2021 – Feb 2022  
Role: Senior Java Developer**

**Responsibilities:**

* All the functionality is implemented using **Spring IO** / **Spring Boot** and **Hibernate ORM**. Created the build, deployment and configuration related scripts for **Maven**
* Utilized **Hibernate** and **SQL** for communication with SQL Server database.
* Built Spring Boot **microservices** for the delivery of software products across the enterprise.
* Decompose existing monolithic application into multiple microservices using Spring boot and Kafka.
* Used Micro services to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOA** approach
* Implementation of Spring Restful web services which produces **JSON**
* Migrating existing application into micro services architecture using **Rest APIs, spring boot**
* Used **Node.js** APIs for authentication and authorization
* Created POC of Authentication and Authorization with Oauth2 **Spring Boot** microservice. Utilized **JWT** as tokenization scheme for **Oauth2**.
* Designed **Java API** to connect the **Amazon S3** service to store and retrieve the media files.
* Extensively worked on front end, business, and persistence tiers using the **spring framework**
* Involved in designing and implementation of **MVC design** pattern using spring framework for Web-tier
* Developed applications in Java based UI within **Angular 9.0** framework and **Node.js**, integrated with **Typescript**
* Developed custom components for CDC with **J2EE, Spring, Hibernate and Java.** Designed components to extract and load data from EPA website utilizing **Spring and Hibernate**
* Followed **agile** software development practice paired programming, test driven development and scrum status meetings
* Worked extensively on **Spring boot** for building web services
* Used **JavaScript, jQuery** for user interactions in pages. Creating a responsive web application integrating Twitter Bootstrap with **Angular 9.0** and media queries
* New library development with micro services architecture using **REST API’s,** **Spring Boot**
* Worked on **Angular 9.0** as main front-end framework using features like components, pipes, modules, custom directives, templates, data binding, dependency injection, routing and **Angular CLI**
* Worked on creating various types of indexes on different collections to get good performance in **Mongo** database
* Implemented to reprocess the failure messages in **Kafka** using offset id.
* Have knowledge on partition of **Kafka** messages and setting up the replication factors in **Kafka Cluster.**
* Involved in unit testing of core functionalities using **Junit.**
* Performed code review and unit tested the application using **Junit** framework. Participated in the **production support** and maintenance of the project.
* Developed **API** for using **AWS Lambda** to manage the servers and run the code in **AWS**
* Selecting the appropriate **AWS service** based on **compute, data, or security** requirements
* Experience in Integration of **Amazon Web Services AWS** with other applications infrastructure
* Performed **J2EE** Testing in developing test cases with **JUnit, MOCKITO** for Unit testing, and logging using **Log4j** and worked on **Mock Testing**.
* Used **log4j**to print the logging, debugging, warning, info statements.
* Performed check-in and check-out and review using pull requests with **GIT** **version control** system.

**Environment:** Java/J2EE, Spring 3.5, Spring MVC, Spring Security, AWS (EC2, S3, IAM), Hibernate 4.0, Rest, JSP, HTML, CSS, Java Script, OpenShift, Cassandra, RabbitMQ, Datadog, Junit, Mockito, Angular 9.0, AWS, Node.js

**Client: Anthem April 2019 – Dec’2020**

**Location: Indianapolis, IN**

**Role: Full Stack Web Developer**

**Key Qualifications & Responsibilities**

* Involved in discussions with the client to discuss and understand various components of the requirement and to implement the same.
* Extensively worked on Implementing **Spring Boot Micro Services** to divide the application into various sub modules.
* Experience using **SOAP** **UI** for testing web services. Created **JUNIT** test case for various functional modules, modified, debugged, and executed using **JUNIT** plugin to **Eclipse** **IDE**.
* Spring **JDBC** used retrieve and update, inserting data in **MySQL** database with use of stored procedures.
* Experienced in implementing Micro services, Service Oriented Architecture (SOA) with XML based Web Services (SOAP/WSDL) using Top Down and Bottom-Up approach.
* Designed and developed the REST based Micro services using the Spring Boot.
* Worked on creating micro services using Spring.
* Scaled microservices, distributed systems and serverless applications using Simple Queue Service (SQS).
* Involved in creating and extracting data from database using **SQL Queries** in **MySQL** database.
* Integrated **REST API** with **Spring** for consuming resources using **Spring Rest Templates** and developed **RESTful web services interface** to Java-based runtime engine and accounts.
* Designed, developed, and maintained the data layer using **Hibernate** and performed configuration of **Spring** Application Framework.
* Used **XML, WSDL, UDDI, SOAP** Web Services for communicating data between different applications
* Develop the UI component architecture for developer framework using Angular 6, Typescript, HTML5, CSS3 and Bootstrap.
* Created custom, self-contained, reusable and testable Angular 6 modules, controllers, directives and services to implement key functionalities for customer account summary.
* Used Angular 6 Http services for asynchronous validations for the input fields of the forms with the data existed in the database.
* Took part in setting up the routing configuration using Angular 6 router for various views and sub view
* Used the Java Collections API extensively in the application as security protection for **XML, SOAP, REST and JSON** to make a secure Web Deployment.
* Extensively used **log4j** to log regular debug and exception statements.
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Wrote Kafka producers to stream the data from external rest APIs to **Kafka** topics.
* Created partition of Kafka messages and setting up the replication factors in Kafka Cluster.
* Deployed **Spring Boot** based microservices and **Docker** container on **AWS** EC2 instance.
* Designed **Java API** to connect the **Amazon S3** service to store and retrieve the media files.
* Using **Amazon RDS** hosted the **MySQL** database in the cloud.

**Environment**: Spring Boot Microservices, Spring MVC, Hibernate, XML, SOAP, REST, MySQL, Kafka, Docker, AWS.

**CSX Transportation, Jacksonville, FL. Sep 2017 – March 2019**

**Full Stack Java Developer**

**Responsibilities:**

* Involved in study of User Requirement Specification. Requested insufficient Information and helped clearing ambiguity in requirements document.
* Analysis and Design of various modules using **SOA** and **J2EE** stack.
* Involved in the design, development and implementation of the application using spring and J2EE framework.
* Involved in developing Classes diagram in **UML** showing generalization and other relationships, Sequence diagram describing the interaction of objects over time.
* Built web-based applications using Spring **MVC** 3.0 Architecture
* Developed User- Interface screens involving **Servlets**, JSP, JavaScript and **XML DOM** parser.
* Client-side scripts using JAVA, JSP, and JavaScript.
* Design and Development of software components like Interface, Action Handlers,
* Used **RAD** (Rational Application Developer for WebSphere Software provided code generation tools for creating required classes like stub, proxy etc. suitable for Apache **Axis** framework.
* Developed stored procedures (developed in PL/SQL) on the back end.
* Consumed Web Services by implementing spring’s **REST** support is to make the development of RestFul Web services.
* Involved in creation of both service and client code for JAX-WS and used **SOAP** UI to generate proxy code from the WSDL to consume the remote service.
* Implemented persistence layer using various features of **Hibernate** 3.0 framework like **HQL** queries, Criteria, projections etc.
* Created an **XML** configuration file for Hibernate for Database connectivity.
* Created connections to database using Hibernate Session Factory, using Hibernate APIs to retrieve and store data to the database with Hibernate transaction control.
* Implemented Java Persistence API (JPA) through Hibernate 3.0.
* Worked with **WebSphere** 7.0 as an application server and **Tomcat** as a web server.
* Assisted **Oracle** **DB** development team in developing stored procedures and designing the database.
* Used **Maven** for project builds and **SVN** as a versioning system.
* Converted and automated builds using **Maven** and Make. Scheduled automated nightly builds using Jenkins.
* Interacted with Business Analysts to come up with better implementation designs for the application.
* Provided production support for the application both onsite and remotely

**Environment**: JAVA 1.6, J2EE, Servlets, Spring 3.0, Hibernate 3.0, SOAP, RestFul Web Services, Spring Framework

3.0, HTML, JavaScript, JDBC, PL/SQL, XML, UML, Oracle 10g, WebSphere 7.0, Maven, SVN, Windows

**BSNL Mobile, Hyderabad, India June 2014 – Dec 2015**

**Jr. Java Developer**

**Responsibilities:**

* Performed validation for client side and server side with the help of Struts Validation Framework
* **Created XML Schema, XML template and XSL.**
* Developed **Web Services Application using SOAP and WS-Security.**
* Developed and maintained elaborate services-based architecture utilizing open-source technologies like **Hibernate ORM.**
* Deployed components on **J Boss and Web Sphere application server.**
* Designed banking web application by implementing the **Struts 1.2 framework for Model View Controller pattern.**
* Used Oracle platforms to create databases of student and faculty login information and their desired areas of study.
* Involved in discussions with the client to discuss and understand various components of the requirement and to implement the same.
* Created, executed, and monitored **Java unit** and **automation tests** within framework.
* Created and maintain **software documentation**.
* Gained experience in a number of financial areas, including trade order management, portfolio management, fixed income, compliance, equity, derivatives, etc.
* Involved in development of the application, writes use cases and serves as a primary contact with QA on **testing support**.

**Environment:** SOAP, WS-Security, Hibernate, J Boss, Web Sphere, Oracle, Struts 1.2, MVC pattern, Java Unit.

### **Education:**

**Bachelor of Computer Engineering, Hyderabad, India**