**PROFESSIONAL SUMMARY**

* Experienced Java Full Stack Developer with overall 8 Years of experience in **Software Development Life Cycle (SDLC) such as Planning, Analysis, Design, Implementation, Testing, Coding, Debugging and Maintenance of Web Based, Client-Server**.
* Working knowledge in multi-tiered distributed environment, **OOAD concepts**, good understanding of Software Development Lifecycle **(SDLC)** andfamiliarity of Service Oriented Architecture **(SOA)**.
* Good knowledge and work experience in developing backend logic for applications using S**pring Framework 3.x/4.x, Hibernate 4.x and Spring Data**.
* Hands on Experience working with **JavaScript Frameworks** like **React Js and integrating them with RESTAPI**.
* Develop and maintain applications written for **Amazon Simple Storage Services (S3), Amazon Simple Queue Service (SQS), Amazon Simple Notification Service (SNS), AWS ECS,** and **AWS** Cloud Formation.
* Knowledge in launching **AWS EC2** instances and continuous integration.
* Used **spring boot 1.x and 2.x** to create **micro services** and **spring security**.
* Involved in the implementation of **MVC architecture** in web applications.
* Expertise in **Spring Boot 1.x/2.x and implemented micro service** with **spring boot**.
* Experience in developing Web based **GUI's** using **JSP, HTML5, DHTML, CSS3, JavaScript**, **JSON, React, jQuery.**
* Strong working experience **Object Relational mapping (ORM)** tools like **Hibernate** (**Hibernate Connection Pooling, HQL, Hibernate Caching, Transactions**).
* Proficient in Java/J2EE Design Patterns including **Singleton, Factory, Model View Controller (MVC), Data Access Object (DAO)**.
* Experienced in the functional usage and deployment of applications in **Apache Tomcat.**
* Worked on database servers like **Oracle 10g, MYSQL** made use of **PL/SQL** in writing **Complex Stored Blocks, Packages, Sub Queries and Triggers.**
* Proficiency in SDLC methodologies like Systems Engineering Methodology **(SEM)**, **Agile.**
* Experience in deploying web applications on **Apache Tomcat 7.0/8.0** Web Server.
* Experience in **Database Design, Creation and management of Schemas, writing Stored Procedures, functions, Triggers, DDL, DML SQL queries. Experience in writing SQL and PL/SQL programming**.
* Experience in Ant 1.6.x/1.7.x/1.8.x and Maven 2.x, 3.x and Gradle 4.x build tools for project development and deployment.
* Experience in using testing and logging tools like **JUnit, Mockito and Log4J**.
* Expert in Various Agile methodologies like **SCRUM**, **Test Driven Development (TDD), Incremental and Iteration methodology and Pair Programming as well as implementing Waterfall model**.
* Worked using IDE like intellij IDEA, Eclipse.
* Expertise in using configuration management tool like **SVN and GIT for version controlling**.
* Highly motivated team player with **strong communication, analytical, documentation and organizational skills**.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Programming Languages** | JAVA 8, J2EE, SQL, PL/SQL, ESQL |
| **User Interface Technologies** | HTML5, CSS3, JQuery, JavaScript, React JS. |
| **Databases** | Oracle, MS SQL Server, MySQL, Mongo DB, DB2, TOAD |
| **Web Services** | JAX-WS(SOAP), JAX-RS and Jersey (Restful), WSDL, JAXB |
| **J2EE Technologies** | JDBC, Java Bean, EJB, Spring, Struts, Spring Boot, PCF. |
| **Architecture** | MVC, SOA, Micro-services, Service Façade. |
| **ORM Framework** | Hibernate, JPA, Spring Data |
| **IDE** | Eclipse, IntelliJ IDEA. |
| **Web/Application Servers** | Apache Tomcat 8.0, Apache camel, Glassfish 4 |
| **XML** | XML, DTD, XSL, XSLT, XHTML, DOM Parsers. |
| **Operating Systems** | Amazon Linux, CentOs |
| **Build Tools** | Maven, Apache ANT, Apache camel. |
| **Version Control** | GIT, SVN |
| **Testing Tools** | Junit, Mockito, SOAPUI, Rest Client API, Postman, Swagger UI 2, JMeter, Cucumber. |
| **Logging** | Log4j, Slf4j |
| **AWS** | EC2, RDS, S3, ELB, SNS |
| **Messaging** | Rabbit MQ, Kafka |
| **CI/CD Tools** | Docker |

**Certifications:**

* AWS Solutions Architect Associate, December 2021
* AWS Cloud Practitioner, December 2021
* Google IT Support Specialist, April 2021
* AWS Cloud Cost Management: Optimization Strategies July 2022

**PROFESSIONAL EXPERIENCE**

**Encompass Health Corporation, Birmingham, AL Oct 2020 - Present**

**Project: Patient Management System**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in designing and implementation of MVC design pattern for the application.
* Experience on working with spring as an application framework to build the services layer and implementing its core modules such as Spring Core Container, Inversion of Control, Data Access and MVC and using XML/java/annotation spring boot configurations.
* Implemented Spring Dependency Injection and Aspect Oriented Programming using Spring Framework.
* Involved in maintaining the user accounts (IAM) in AWS Cloud.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Experience on working with Amazon S3 buckets as a storage and archive and creating user/resource-based security IAM policies for the S3 bucket.
* Deploying applications on Servers like Tomcat and Linux, writing Shell scripts and Linux commands to support different applications on the server.
* Created a client-side application by consuming third party SABRE SOAP Web Service. This Web Service provides us the data for private fares of other carriers. Extensively used Web Services - WSDL and SOAP for getting the credit card information of third party.
* Created a server-side SOAP service to have multiple automation machines can consume data and run at the same time.
* Experience on migrating the existing SOAP services to RESTful service.
* Experience on REST based web services using JAX-RS library. Customized Restful Web Service using Spring Restful API, sending JSON format data packets between front-end and middle-tier controller.
* Experienced in running the load tests, application functionality, request, response using Soap UI tool and Junit for unit testing.
* Supporting application via on-call pager turns.
* Experienced in running the load tests, application functionality, request, response using Soap UI tool and Junit for unit testing.

**Environment**: Java 1.8, J2EE 1.8, Git, Bitbucket, IntelliJ 10.0.3, 2.3.3, 3.0.1, Postman, SonarQube, Gradle build plugin.

**TowneBank, Virginia Beach, VA Dec 2018 - Sep 2020**

**Project: Wealth Management**

**Role: Java/J2EE Developer**

**Responsibilities:**

**•** Identifying issues in the development. Preparing the technical specifications based on analysis.

• Wrote POST, UPDATE, DELETE and GET methods for REST API in Spring Rest Controller.

• Designed use case diagrams, class diagrams, and sequence diagrams as part of the design.

• Used Java 8 Lambda Expression and Stream API to provide a clear and concise way to iterate, filter and

extract data from collections.

• Implemented Spring Rest Template to consume REST web Services for detailed transaction.

• Involved in the Implementation of MVC Architecture using Spring Boot for the application.

• Developed Frontend based on ReactJS to build perfect single page application.

• Designed and developed the application on Amazon EC2 to consume the web services.

• Managed SMTP to send email to customers when changes applied by Spring Mail API.

• Realized authentication and authorization by Spring Security to maintain the security of data.

• Boosted the network throughput between browser and REST API backend using HTTP/2 protocol, this repo is the Spring WebFlux implementation.

components and legacy system.

• Implemented Spring JPA-repository for backend-database interaction to CRUD user’s data.

• Optimized resource management and allowed lazy loading with the help of Spring Hibernate.

• Accessed REST Web Services data payload to interact with backend by using JSON.

• Designed and developed user interface using various TypeScript components like schedule, calendar, panel

Grid, layout, mega Menu, user management and resource management.

• Used Boot Strap and Template for managing CSS3, HTML5 to get better user interfaces.

• Created Responsive Designs (Mobile/Tablet/Desktop) using Bootstrap, HTML5 &amp; CSS3.

• Designed and implemented the Front-end logic by writing the routing layer of React Router DOM.

• Hosted the MySQL database in the AWD RDS for high availability and high security.

• Built the web-data storage on AWS S3 to backup and archive media data with little data loss.

• Realized JUnit framework to achieve Test Driven Development for continuous builds and frequent

development iterations across the project.

• Improved performance of functional layers by optimizing Java Code and Stored procedures.

• Interacted with various internal teams such as UI framework, security and integration.

• Used Agile process to streamline the development and design process which includes bi-weekly Sprint and

daily Scrum to discuss work progress and organize teams around tasks/projects with JIRA.

• Carried out Test Driven Development methodology (TDD) by using JUnit, Mock MVC and Mockito

framework for testing accuracy of code.

• Used GitHub Actions for Continuous Development and Integration of the application.

• Used Kubernetes and Docker to build and manage independent components of the application.

**Environment:** Java 8, Spring 4.x, Spring Boot, Spring RESTful WebServices, Spring Data JPA, Spring Security,

Amazon Cloud Services (AWS), Hibernate 4.3, Spring Mail API, Spring MVC, ReactJS, Swagger API,

TypeScript, HTML5, CSS3, XML, Tomcat, Eclipse, MySQL, HQL, Maven3.0, Junit, Docker, Kubernetes,

Agile, JIRA, Microservices, Mockito.

**Amica Insurance, Lincoln, RI June 2017 - Nov 2018**

**Project: Auto & property Insurance**

**Role: Java Developer**

**Responsibilities:**

● Involved in all phases of Software Development Lifecycle (SDLC) including Requirements Collection,

Analysis, Development and Customization of the Application through Agile TDD methodology.

● Involved in Documentation and Use case design by using UML modeling includes development of Class

diagrams, Sequence diagrams and Use Case Transaction diagrams.

● Designed and developed business components using Spring AOP, Spring IOC, Spring Annotations.

● Experience with an in-depth level of understanding in the strategy and practical implementation of AWS

Cloud-Specific technologies including EC2, S3, RDS, RedShift, Lambda and Dynamo DB.

● Integration as well as testing and artifact publishing upon build success integration with web services

including RESTful.

● Implemented Spring MVC and then converted to Spring Boot to provide loose coupling to the application

and to provide production ready code.

● Implemented DAO using Hibernate Reverse Engineering, AOP &amp; Service layer using Spring MVC.

● Use Java1.7 with generics, for loop, static import, annotations etc.

● Used Hibernate as persistence framework for DAO layer to access the database.

● Experience in creating RESTful APIs (JSON and SOAP) using SpringBoot, Apache CXF, Jersey.

● Designed and developed a Restful APIs for different modules in the project as per the requirement.

● Developed Java Server components using Spring, Spring MVC, Hibernate, Web Services technologies.

● Used Spring IOC to inject the services and their dependencies in dependency injection mechanism.

● Developed SQL queries to interact with Oracle database and also involved in writing PL/SQL code for

procedures and functions.

● Used MAVEN for build framework and GitHub actions for continuous build system

● Developed GUI using Front end technologies JSP, JSTL, AJAX, HTML, CSS and Java Script.

● Developed a code for Web services using XML, SOAP and used SOAPUI tool for testing the

services proficient in testing Web Pages functionalities and raising defects.

● Involved in writing Spring Configuration XML, file that contains declarations and business classes are wired-

up to the frontend managed beans using Spring IOC pattern.

● Configured and deployed the application using Tomcat.

● Used Design patterns such as Business Object (BO), Service locator, Session façade, Model View

Controller, DAO and DTO.

● Implementing and controlling the flow of data to and from AWS. Selecting the appropriate AWS service

based on compute, data, or security requirements.

● Migrating an existing on-premises application to AWS.

● Involved in writing the Junit test cases as part of unit testing, used Mocking frameworks EasyMock,

PowerMock Objects and Spring Datasets in TDD approach.

● Used webhooks for sending out notification emails to respective users of the application.

● Expertise in implementing SDLC using Agile Software Development with JIRA platform and Scrum

methodology.

**Environment:** Java7, J2EE, Spring Batch 3.0, Spring Boot 1.4.1, Spring Security 4.0, SOAP Web Services,

Hibernate 4.3.0, IntelliJ IDE 3.1, Spark 1.4.1, JSP 2.2, JSTL, HTML5, CSS, Tomcat 8.0, XML, XSD, Unix,

Oracle12c, Maven, Agile, JIRA, tortoise SVN, Git, jUnit, WSDL, JSON

**CSS Engineering, Douala, Cameroon Apr 2015 - May 2017**

**Project: E - Marketing**

**Role: Java Backend Developer**

**Responsibilities:**

* Worked on web technology Java, HTML, JavaScript, JSF, JSP, Servlets to build front end design and development work.
* Designed and implemented application using JSP Spring MVC, Spring IOC, Spring Annotations, Spring AOP Spring Transactions, Hibernate 3.0, SQL and ANT.
* Implemented all the components of Spring MVC Framework (Controller classes, Spring Bean Configuration file (dispatcher-servlet.xml).
* Developed Web Services using XML messages that use SOAP. Developed Web Services for Payment Transaction and Payment Release.
* Done code review and configuration build management for the application using Maven.
* Developed POJO’s, Data Access Object (DAO) which handles all database operation using Hibernate.
* Used JUnit for unit testing framework of code in Test Driven environment.
* Prepared Unit Test Plan, Integration Test Plan for the testing. I have also reviewed test plans of the peers in my team.
* Identify Test Data requirements to ensure adequate Test Data availability and perform manual testing on UI and Web Service.
* Special focus on Agile methodologies, including agile modelling and SDLC.
* Used version management tool Git.

**Environment:** JDK 1.6, J2SE, J2EE, Spring 4.0, Hibernate 3.0, Maven, JSON, MYSQL, RESTFUL Webservices, ESB, SOAP, JUnit 4.12, SQL, XML, Log4j, CSS, JavaScript, XJC

**Education: Master’s in Computer Science**