**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) and familiarity of Service Oriented Architecture (SOA).
* Good knowledge and work experience in developing backend logic for applications using Spring 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.
* Experience in building reusable and customizable components for a website using React JS and React-Routes to create a single page web application.
* Strong experience in deploying applications on IBM WebSphere, JBoss and Tomcat. Experience in Log4J for logging services. Developed Rest Controllers to interact with Angular calls and React Calls.
* Built and deployed cloud systems with Amazon Web Services (AWS) using EC2, ELB, VPC, AutoScaling, Cloudfront, Lambda, CDN, CloudTrail, CloudWatch, Route 53, IAM etc.
* Designed Cost optimized solutions using intelligent tiering, S3 life cycle, reserve and spot instances.
* Created highly secure solutions using Security group, NACL, Cloud Shield, Cloudfront
* Maintained user accounts using IAM policies in AWS cloud.
* 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.
* Experience in building reusable and customizable components for a website using React JS and React-Routes to create a single page web application.
* Good Knowledge on front-end development using React with Redux but have also worked in all parts of the stack.
* 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.
* Understood Kafka for distributed publish-subscribe messaging system and a robust queue that can handle a high volume of data and enable passing messages from one endpoint to another.
* Experience in creating real time data streaming solutions using Apache Spark /Spark Streaming, Kafka and Flume. Programmed and prepared code for interfacing with Apache Tomcat systems.
* Have pretty good experience and understanding on partition of Kafka messages and setting up the replication factors in Kafka Cluster and have also used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Worked on Docker for the lightweight, portable, self-sufficient container, and made it easier to build and deploy software on the server.
* Worked on Kubernetes for managing containerized workloads and services, that facilitate both declarative configuration and automation.
* Worked on Microservices to build independent services to execute the specific operations in the application.
* Good Knowledge in Apache Kafka, RabbitMQ, most widely used as messaging services.
* Exposure to various SDLC models like Waterfall, Test Driven Development, Agile & Scrum.
* 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**

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| --- | --- |
| **Programming Languages** | JAVA 8/11, 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, RESTful, WSDL, JAXB, Micro services |
| **J2EE Technologies** | JDBC, Java Bean, EJB, Spring, Struts, Spring Boot, PCF |
| **Architecture** | MVC, SOA, Micro-services, Service Façade. |
| **ORM Framework** | Hibernate, Spring Data, Struts, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Data REST, Spring Data JPA, Spring Boot, JUnit, SOAP UI |
| **IDE** | Eclipse, IntelliJ IDEA, Net Beans, Visual Studio Code, Spring Tool Suite (STS) |
| **Web/Application Servers** | Apache Tomcat 6.x/7.x/8.x/9.x |
| **XML** | XML, DTD, XSL, XSLT, XHTML, DOM Parsers. |
| **Operating Systems** | Amazon Linux, CentOs, Windows, UNIX, Linux |
| **Build Tools** | Maven, Apache ANT, Jenkins, Gradle, GitHub Actions |
| **Version Control** | GIT, SVN, Bit Bucket |
| **Testing Tools** | Junit, Mockito, SOAPUI, Rest Client API, Postman, Swagger UI 2, JMeter, Cucumber. |
| **Logging** | Log4j, Slf4j |
| **AWS** | EC2, RDS, VPC, IAM, S3, Glacier, CloudWatch, SNS, SQS, Cloudfront, Code deploy, Kinesis, EFS, Beanstalk, Cloudformation, API Gateway, Route53, Lambda, DynamoDB, Code build, Elastic Catch, Redshift, Migration Hub, AWS Discovery service, Aurora, DR strategies, DataSync, DFSR Replication, Cognito, AWS managed AD, STS, DMS |
| **Messaging** | Rabbit MQ, Kafka |
| **CI/CD Tools** | Docker, Kubernetes |

**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.
* Experience in creation of UI components and interactive UIs using React.js
* Expertise in React JS framework to develop the Single Page Applications (SPA).
* Developed multiple POCs to create an interface between Backend to Frontend by using Mongo DB, Express JS, Angular JS and Node.js, React.js
* Hands on experience in building projects using popular IDEs such as Spring Tool Suite (STS), Eclipse and IntelliJ. Extensive experience as a User Interface/Front End Developer in developing web applications using HTML, XML, CSS, JavaScript, Typescript, jQuery, AngularJS and React JS.
* Strong experience in deploying applications on IBM WebSphere, JBoss and Tomcat. Experience in Log4J for logging services. Developed Rest Controllers to interact with Angular calls and React Calls.
* 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.
* Worked on serverless architecture using AWS Lambda and Mongodb realm.

**Environment**: Java 1.8/11, J2EE 1.8/11, Agile,Java 8**,** HTML5, CSS3, JavaScript, jQuery, Spring Boot, Spring Rest, Spring Cloud, Spring MVC, Spring AOP, Spring Batch, OAuth2, Hibernate, Oracle, MongoDB, Microservices, AWS, RESTful web services, TDD, GIT, JIRA, Jenkins, Maven, Bitbucket, IntelliJ 10.0.3, 2.3.3, 3.0.1, Postman, 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.

* Experience with Serverless computing using AWS Lambda & MongoDB realm.
* 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**