**PROFESSIONAL SUMMARY**

* Over 7 years of experience in System Design, Enterprise Software development, and Web Development utilizing Object-Oriented technologies and Java Technologies (Spring, Hibernate, JDBC) in Insurance and Financial domains.
* Experience in User Interface (UI) design and development process using technologies like HTML5, CSS3, JavaScript, jQuery, JSP, Bootstrap, AngularJS, Vue.js.
* Experience in Spring technologies like Spring Boot, MVC, Data JDBC/JPA/REST, Security, and Batch
* Involved in design, development and testing of web application and integration projects using Core Java technologies such as JEE, JSP, JDBC, Spring Framework, Hibernate, Web Services, and XML.
* Familiar with Continuous Integration and Continuous Delivery (CI/CD) technology such as GitHub actions.
* Experience in container technologies using Kubernetes and Docker for deployment and management of the Microservice applications.
* Hands on experience in Object-Oriented Analysis and Design (OOAD) methodology using Unified Modelling Language (UML).
* 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.
* Expertise in developing UI based GUIs using Java Applets, HTML5, DHTML, JavaScript, Typescript, AngularJS & 8, XML, DOJO, AJAX, JSF, JSP & spring form tags.
* Expert in Core Java with strong understanding of Garbage Collector, Collections Framework, Exception Handling Multithreading, Event handling, JDBC, JMS and Generics.
* Having good knowledge on and implemented functional styles of java 1.8 Lambda Expressions and functional interfaces, parallel Streams.
* Experienced in Junit, Mockito testing frameworks to automate Unit Testing under TDD methodology.
* Experienced in Gherkin/Cucumber, Selenium frameworks for end-to-end testing.
* Good knowledge on RDBMS concepts and experience in PostgreSQL, Oracle and MySQL.
* Proficient in using Windows, Linux, and Mac OS.
* Hands-on experience with complex database queries, stored procedures, and materialized views.
* Experience in using Amazon Web Services (AWS) using EC2/RDS with other applications infrastructure.
* Experienced in developing software using SDLC and Agile/Scrum methodologies.
* Good knowledge of Algorithms and Data Structures.
* Extensive hands-on experience in different aspects of enterprise software development including integration, REST/RESTful web services, and Swagger2 API documentation.
* Experience in developing software using SDLC and Agile/Scrum methodologies using TDD/BDD.
* Experience in Docker, and Kubernetes
* Strong knowledge in the printing document management for bank and insurance industry.

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming Languages** | JAVA 8, J2EE, SQL, PL/SQL, ESQL |
| **User Interface Technologies** | HTML5, CSS3, jQuery, JavaScript, React JS, Angular 8/9/10 |
| **Databases** | Oracle, MS SQL Server, MySQL, Mongo DB |
| **Web Services** | JAX-WS(SOAP), JAX-RS and Jersey (Restful), WSDL, JAXB |
| **J2EE Technologies** | JDBC, Java Bean, EJB, Spring, Spring Boot |
| **Architecture** | MVC, SOA, Micro-services, Service Façade. |
| **ORM Framework** | Hibernate, JPA, Spring Data |
| **IDE** | Eclipse, My Eclipse, IntelliJ IDEA. |
| **Web/Application Servers** | Apache Tomcat 8.0 |
| **XML** | XML, DTD, XSL, XSLT, XHTML, JAXP, AJAX, SAX and DOM Parsers. |
| **Operating Systems** | Amazon Linux, Cent OS |
| **Build Tools** | Maven, Apache ANT. |
| **Version Control** | GIT, SVN |
| **Testing Tools** | Gherkin syntax/Cucumber, Selenium, Junit, Mockito, SOAPUI, Rest Client API, Postman, Swagger UI 2. |
| **Logging** | Log4j, |
| **AWS** | EC2, RDS, |
| **Messaging** | IBM MQ, JMS, Active MQ, Kafka |
| **CI/CD Tools** | Docker |

**PROFESSIONAL EXPERIENCE**

**Shelter Insurance, Columbia, MO(Missouri) Oct 2020 - Present**

**Project: Agent Management System**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in System analysis and Design Methodology as well as Object Oriented Design
* Design the database by working with the Client’s representative for understanding and confirming every requirement and customized features.
* Responsible for keeping documents for the project, writing instruction, making demo and presentation materials.
* Used to developing software using SDLC and Agile/Scrum methodologies using TDD.
* 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.
* Responsible for the Design, Deploy and development of the web applications.
* Implemented the web-based application using Spring Boot framework for rapid development and to avoid boilerplate configuration following the MVC architecture to write spring controllers, DAOs, service and Model classes by auto wiring them.
* Experienced the use of Swagger to generate the AAPI document, API testing, and bug fixing.
* Used Spring IOC to injected dependencies (ID) for loose coupling.
* Worked to develop a useable, secure, and responsive UI using the React Js.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React Js.
* Implemented the Drag and Drop functionality using React -Draggable.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used React flux to polish the data and for single directional flow.
* Created ReactJS components and populated them with data from databases using Spring Data JPA.
* Configured Object-Relational Mappings using annotations for mapping the domain objects to database tables and their corresponding properties to the table columns using Hibernate.
* Used Spring Cloud API to develop Spring Microservices to separate application’s Domain logics.
* Extensively used SQL, PL/SQL in constructing views, indexes, stored procedures, triggers, cursors, functions, relational database models.
* Involved in writing SQL queries to implement the functions of the application using MySQL database to store credible customer credentials.
* Implemented Application Security using Spring Security framework by providing JWT.
* Wrote RESTful services using Spring REST to perform CRUD operations such as posting data, fetching and updating existing customer data in real time.
* Constructing reusable front-end structure that consumes RESTful end-points to render and display services to the customers.
* Built Spring application by integrating with Maven build tool, GIT version control, Database, JDBC, Restful APIs and various Software Design Patterns.
* Logged exceptions for the existing application using Log4J.
* Did front-end development using responsive views with Bootstrap and styles with CSS3 using which user can provide search criteria.
* Involved in deploying systems on Amazon Web Services (AWS) Infrastructure services and managed individual components in configuring the EC2 Security group.
* Using JUnit in code testing and system testing and responsible for preparing test scripts by following TDD methodology.
* Used GIT for Version Controlling.
* Used the Agile process to streamline the development and design process, including bi-weekly Sprints and daily Scrum meetings to discuss work progress.

**Environment:** Java8**,** Java/JEE, Spring 4.0(AOP, DATA, Core, MVC, Transaction, Batch, Rest API, Security), Microservices, React Js,AWS (EC2), RESTful Web Services, Hibernate 4.x, STS, Bootstrap, Spring Boot, AWS, GIT, CSS3, JUnit, Log4J, ReactJS, TypeScript, Swagger.

**Zions Bank, Salt Lake City, UT(UTAH) Mar 2017 - July 2020**

**Project: Online Banking**

**Role: Full stack Java Developer**

**Responsibilities:**

* Involved in SDLC cycle like Analysis, Designing, developing, Testing and deploying the Enterprise applications using Java and Object-Oriented Design Patterns based on business requirements.
* Developed the functionalities using Agile Scrum Methodology.
* Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, JavaScript, JQuery, AXIOS and React JS.
* Created Reusable components in React JS which got used in various places of application.
* Implemented React JS Routes to maintain each view data. Implemented React JS Services.
* Developed the backend server with strong Spring Boot, involving different layers of the application including entity/model, DAO/repository, Controller, Service, Business, Persistence.
* Extensively used core java concepts like Multithreading, Collections Framework, File I/o and concurrency.
* Experience in Core Java concepts such as OOP Concepts, Collections Framework, and Exception Handling, I/O System, Multi-Threading, JDBC, Generics.
* Used Java 8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
* Used design patterns like Singleton, Data Access Objects, Factory and MVC patterns.
* Testing and production support of core java based multithreading ETL tool for distributed loading XML data into Oracle database using JPA/Hibernate.
* Created POJO’s and DAO’s for the database entities using Spring JDBC annotation mappings
* Developed microservices with spring and tested the application using Spring Boot.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for microservices.
* Designed an interactive UI with HTML5, JSP, CSS3, jQuery, Angular, AJAX that handles asynchronous loading and rendering of claims data.
* Designed the front-end applications and user interactive web pages using web technologies like Angular and Bootstrap for creating grid layout, responsive screen sizes and devices.
* Used Angular HTTP Module to make API calls and worked with the observables.
* Developed Single page applications and Custom Directives using Angular to latest versions
* Implemented Routing, Imperative Routing and guards with the help of Angular route module.
* Development of cloud hosted web applications and REST APIs using Spring Boot with embedded Tomcat.
* Combine Lambda using with other AWS services to build powerful web applications that automatically scale up and down and run in a highly available configuration across multiple data centers.
* Implemented Spring boot Microservices to process the messages into the Kafka cluster setup.
* Used Apache Kafka message broker for communicating between different applications to produce and consume messages.
* Used Apache Kafka as the messaging infrastructure for asynchronous processing
* Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.
* Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
* Implemented Rest based web service using JAX-RS annotations on JEE (owned by oracle), Jersey provider implementation.
* Experience in design and development of Web services, XML, XSD, XSLT, X-Path.
* Wrote build scripts using Maven.
* Developed the persistence layer using Hibernate Framework by configuring the 1:1/1: M/M: M mappings in hibernate files and created DAO and POJO.
* Experience in NoSQL database like MongoDB installation, configuration and in designing MongoDB multi-shared cluster and monitoring.
* Experience in working with NoSQL Database like MongoDB.
* Experience in SQL/Oracle for the relational database.
* Used log4j to print the logging, debugging, warning, info statements.
* Implemented Selenium Web Drivers for testing the UI components.
* Involved in setting up Test automation and developed cucumber feature files and used Selenium for auto-mated testing with TestNG.
* Extensive experience in various agile methodologies for TDD/BDD.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.
* Experience on implementation of version control software GIT repositories.

**Environment:** Agile, HTML, CSS, JavaScript, jQuery, React JS, XML, DAO, POJO, JPA, JAVA, Java 8, Springs (IOC, AOP, JDBC) Frameworks, Spring Boot, Microservices, JSP, Hibernate Framework, AWS, RESTful Web services, SOAP, Maven, Mongo DB, NoSQL, Log4j, JIRA, Selenium, Angular8/9/10, Web Drivers, GIT, Socket Programming.

**Mutuelle Nationale Territoriale, Paris, France Nov 2015 - Feb 2017**

**Project: Document Management**

**Role: Java Backend Developer**

**Responsibilities:**

* Involved in full Software Development Life Cycle (SDLC) to analyze the business requirements, designing front end component, developing server-side code, testing and implementation.
* Object Oriented Analysis and Design OOAD of business requirements with the end users and business analysts.
* Used Java script to format and display the JSON results in a web page using HTML and CSS.
* Designed and developed Customer registration and login screens using Eclipse 3.5, HTML, JSF, Servlets and Java Script.
* All the functionalities implemented using Spring IoC, Spring Boot and Hibernate ORM.
* Extensively used Spring IOC, AOP configured Application Context files and performed database object mapping using hibernate annotations.
* Used **Spring Boot** which is radically faster in building cloud Microservices and develop Spring based application with very less configuration.
* Involved and understood the Development of reporting system using spring, Hibernate and Restful Web Services.
* Implemented Spring boot Microservices to process the messages into the Kafka cluster setup.
* Used groovy and spring boot to collecting the data from users and packaged the data as json distributed to the applications.
* Experienced in implementing DAO layers using JPA standards and Hibernate API interfaces.
* Followed Agile methodology and SCRUM meetings to track, optimize and developed sequence diagrams depicting method interactions, using MS Visio.
* Used Eclipse Luna as a development IDE.
* Combine Lambda using with other AWS services to build powerful web applications that automatically scale up and down and run in a highly available configuration across multiple data centers.
* Used Apache Kafka message broker for communicating between different applications to produce and consume messages.
* Used Apache Kafka as the messaging infrastructure for asynchronous processing
* Played a role in application enhancement using Spring 3.0 MVC framework.
* Build REST web service to handle requests sent from the front-endcalls.
* Created and implemented database operation in HQL using hibernate 3.0.
* Involved in creating and extracting data from database using SQL Queries, PL/SQL on Oracle and Stored procedures on SQL Server
* Experience in developing Manual / Automated Testing Strategies, Test Plans, Test Scripts and Test Cases.
* Experienced in Test Driven Development.
* Worked on AWS, (EC2) High Availability Practices and deploying backup/restore infrastructure.

**Environment**: Core Java, J2EE, HTML5, React JS, Scala, CSS3, JDK 1.6, XML, Spring, Spring Boot, Hibernate, Restful APIs, JMS, SOAP, log4j, PL/SQL, JavaScript, Eclipse Luna, Git, Docker, Git, Gradle, Maven, JUnit.

**Education: Bachelor Degree in Computer Science**

* **Fluent in French and Vietnamese**