**PROFESSIONAL SUMMARY**

* Highly motivated, creative, and versatile IT professional witharound **6 years** of experience in both Front-end and Back-end development catering to a Full-stack expertise in **Java/J2EE technologies like Spring MVC, Spring Boot, Hibernate, Spring REST, Servlets 3.x, JDBC, Exception Handling, Multi-threading, JavaBeans, I/O and Collections.**
* Credible experience in development and deployment of applications using application and web servers like **Tomcat,** **TomEE Plus.**
* Experience of using various web technologies like HTML, CSS, Java Script, AJAX, Bootstrap JQuery, Angular.
* Proficient in various Web based front-end technologies like **HTML5, CSS3, ReactJS, jQuery and JavaScript.**
* **Experienced in several DevOps essential tools like Docker, Kubernetes, GIT.**
* **Experience in writing Components, Pipes and Services to separate concern and handle different situations by using Angular4.**
* **Expertise to create a self-contained, reusable and testable modulus and components inAngular4.**
* **Experience in building reusable and customizable components for a website usingReactJS 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.**
* **Experience creating single page applications using AngularJS and NodeJs.**
* **Familiar with Continuous Integration and Continuous Delivery (CI/CD) technology such as GitHub Actions.**
* Proficient in developing Web Applications using **Spring Framework** along with hands on experienceon **IOC, AOP, MVC, Spring Security, Spring Core, Spring REST, Hibernate ORM** and **Web Service Integration (JAX-WS and RESTful Web Services).**
* Experienced in working with relational databases like **MySQL** and **Oracle,** database programming language **PL/SQL.**
* Experience in **Junit** testing framework to automate **Unit Testing.**
* Extensive experience with Java complaint IDEs like **Eclipse, IntelliJ, NetBeans,** and **STS.**
* Proficiently experienced with **Software Design patterns.**
* Experienced with various Software design patterns like **M**odel **V**iew **C**ontroller (**MVC**)**, D**ata **A**ccess **O**bject**, Proxy, Factory, Singleton, SOLID Principles etc.** in the development of Enterprise Applications.
* Involved in complete **Software Development Life Cycle (SDLC)** phaseswhich includeRequirementanalysis, Design, and Implementation.
* Hands on experience in Object-Oriented Analysis and Design (**OOAD**) methodology using Unified Modelling Language (**UML**).
* Articulate in written and verbal communication along with strong interpersonal, analytical, and organizational skills.
* Highly motivated team player with the ability to work independently and adapt quickly to new and emerging technologies.
* Experience in developing software using **SDLC** and **Agile/Scrum** methodologies.
* Good knowledge of **Algorithms** and **Data Structures**.
* Experienced in developing software using SDLC and Agile/Scrum methodologies using TDD/BDD.
* Expertise to create a self-contained, reusable and testable modulus and components inAngular4.
* Experience in building reusable and customizable components for a website using ReactJS and React-Routes to create a single page web application.
* 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.
* Good Knowledge on front-end development using React with Redux but have also worked in all parts of the stack.
* Experience creating single page applications using AngularJS and NodeJs.
* Good knowledge in using JavaScript frameworks like Node.JS, Express.JS and Hapi.JS to build web applications.
* Good Knowledge in Apache Kafka, RabbitMQ, most widely used as messaging services.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Java/J2EE Technologies** | Servlets, JSTL, JDBC, JMS, Applets, Multi-threading, Java Networking |
| **Programming Languages** | Java, C++, C, SQL, PL/SQL, Python |
| **Application/Web Servers** | Oracle/BEA WebLogic, IBM WebSphere, Apache Tomcat |
| **Frameworks & API’s** | Struts, Spring, Spring Boot, Hibernate, JSF, JPA, Angular JS, Angular 2.0, D3, React JS, NodeJS |
| **IDE’s** | Eclipse, IBM RAD, Net Beans, Intellij Idea |
| **Web technologies** | JSP, JavaScript, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS, JSON, Adobe Flex, Spring MVC, Angular JS, Angular 2.0, NodeJS |
| **Debugging Tools** | Firebug, Chrome |
| **NoSQL database** | MongoDB, Cassandra |
| **Web Services** | JAX-WS, JAX-RPC, JAX-RS, SOAP, REST |
| **XML Parser** | JAXB, Apache Axis, DOM |
| **Methodologies** | Agile, RUP, TDD, OOAD, SDLC |
| **CI/CD Tools** | Jenkins, XL Release, Hudson |
| **Modeling Tools** | UML, Design Patterns, Rational Rose, Visio |
| **Databases** | Oracle, DB2, SQL Server, MySQL, |
| **Version Control** | CVS, GIT, SVN |
| **Build Tools** | ANT, Maven, |
| **Message Queues** | Rabbit MQ, Apache Kafka, Web Sockets |

**PROFESSIONAL EXPERIENCE:**

**CenterState Bank, Orlando, FL Feb 2021 - Present**

**Project: Bankcard Management Application 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 represent 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/BDD.**
* 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 (DI)** for loose coupling.
* 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.
* 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.
* 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.
* Worked on AWS S3 service for high availability practices and deploying backup/restore infrastructure.
* Converted entire codebase to use modern ECMAScript (ES6) modules using Webpack.
* Involved in deploying systems on Amazon Web Services (AWS) Infrastructure services and managed individual components in configuring the **EC2** Security group.
* Worked to develop a **Kafka**-based messaging system to securely send messages to other services in real-time.
* Created ReactJS **components** and populated them with data from databases using **Spring Data** JPA.
* Wrote TypeScript validations to validate the fields of the user registration screen and login screen.
* Using JUnit in code testing and system testing and responsible for preparing test scripts by following TDD methodology.
* Used Node.JS package manager (npm) for dependency management, developed server-side and APIs with different frameworks like Express.js and React JS
* Used GIT for Version Controlling.
* Application integration using Apache Kafka and Rabbit MQ.
* Worked on service-oriented systems that utilize REST web frameworks with Spring MVC, Spring REST Template, RabbitMQ, Spring Integration.
* Working experience with Rabbit MQ by connecting to the topic then fetching the messages and parsing the messages using multi-threading.
* 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, Rest API, Security), Microservice Spring Cloud, ReactJS, TypeScript, AWS (S3/EC2), RESTful Web Services, Hibernate 4.x, STS, Bootstrap, Spring Boot, AWS, GIT, CSS3, JUnit, Log4J, Swagger.

**Thomas Jefferson University Hospitals, Philadelphia, PA July 2019 - Jan 2021**  
**Project Name: Patient Management Portal  
Project Role:  Java Full Stack Developer**

**Responsibilities:**

* Designing and developing Web Application adhering to MVC architecture that provides users ability of creating new web-based claims and viewing claims status online.
* Used Spring Core for Inversion of Control (IOC) to inject dependencies (DI) for loose coupling.
* Wrote Spring Controllers, DAOs & their Implementations, Service and Model classes and auto-wired them.
* Worked under Test Driven Development (TDD) along with Agile/Scrum methodology.
* Wrote Spring Controllers, DAOs & their Implementations, Service and Model classes and auto-wired them for example: DoctorDAO, DoctorService, Doctor Pojos to match the design principle “program for interface than implementation”.
* 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 Angular4.0 HTTP Module to make API calls and worked with the observables.
* Developed Single page applications and Custom Directives using Angular 4.0 to latest versions
* Implemented Routing, Imperative Routing and guards with the help of Angular4.0 route module.
* We have used Event Bridge for sending of events from AWS to third parties.
* GitHub actions to deploy into AWS cloud environment.
* Implemented Software Design patterns like Singleton, Proxy, and Factory.
* Used to developing software using SDLC and Agile/Scrum methodologies using TDD/BDD.
* Validated claims data entered by the customers by using jQuery and HTML5 validations to validate the phone number Social Security Number.
* Developed User Interface using ReactJS involving interactive features such as animations, text boxes, navigation buttons and messaging systems.
* 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.
* Handled security concerns by implementing Spring Security using JWT for Authentication and Authorization to control patient, receptionist and administrator access.
* Configured Object-Relational Mappings using annotations for mapping the domain objects to database tables and their corresponding properties to the table columns like Patient, Doctor, Receptionist classes.
* Used Hibernate for persistence of domain models by write HQL, Native SQL Queries to map Patient, Doctor, Receptionist classes to Patient, Doctor, and Receptionist tables in Database.
* Wrote RESTful services using Spring REST to consume resources such as Patient, Doctor, and Schedule in both XML and JSON format.
* Developed responsive views with Bootstrap and styles with CSS3 browser compatibility.
* Validated claims data entered by the customers by using jQuery and HTML5 validations.
* Constructing reusable front-end structure that consumes RESTful endpoints to render and display claims files to the customers.
* Interacting with the clients to understand their requirements and provide smooth implementation and ongoing support.
* Involved in writing SQL queries, PL/SQL programming and created new procedures.
* Analysing existing code and formulate solution for adapting to evolving web environment.
* Provided functionality to the customers to manipulate personal details like demographic information as well as critical claims data.
* Performed Branching, Tagging, Release Activities on Version Control Tools: GIT
* Developing scripts for build, deployment, maintenance, and related tasks using Github Actions, Maven.
* Used several DevOps essential tools like Docker, Kubernetes, GIT.
* 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
* Executed unit test plans using JUnit and Mockito ensuring that results are documented and reviewed with quality assurance teams responsible for integration testing.
* Involved in the Agile sprints to streamline the development and design process.

Environment: Java 8, Spring Framework 4.3, Hibernate 5.0.7, Spring Boot 2.1.1, Spring Data JPA, Spring Security with JWT, RESTful Web services, TypeScript/JavaScript, jQuery, Oracle 11g, Tomcat 9, HTML5, CSS3, Bootstrap, Maven, Log4J, jUnit., Scrum, JiRA.

**Central Bank of Venezuela Mar 2017 - June 2019**

**Project: Cards Payment Association**

**Role: Java Programmer**

**Responsibilities:**

* Used Agile methodology for modeling software development, with cross-functional rapid delivery methods and iterations to release the working software with minimal bugs.
* Used DAO, MVC, Factory and Singleton Java design-patterns as the best practice solutions and common reusable platforms in the Object-Oriented Programming.
* Defined Model beans (business logic) and created DAO (data access object) classes with the properties and methods for CRUD-operations.
* Coordinating with the onsite team in resolving the application issues.
* Responsible for designing some of the framework components such as pagination and updates to the persistence mechanism.
* Developed Business Delegates to call Session Beans.
* Involved in the integration of Spring for implementing Dependency Injection (DI/IOC).
* Implemented application using Spring MVC framework. Use of collection framework including List, Map etc.
* Used custom persistence mechanism for read queries and JPA for create, update and delete operations.
* Used Web Services for Data Exchange (send/receive appeal case information, filings, documents, etc.) with external agencies, such as DCA, Supreme Court, Attorney General, etc.
* Developed the java beans (POJO) to represent the model classes and mapped them to the tables using the Hibernate Mapping files.
* Developed Database Access Objects (DAO) using the Spring Hibernate Support and using Hibernate Query Language (HQL)
* Used Value Objects generated from tables to map to their corresponding classes (ORM).
* Implement text analysis algorithms for handling messy meta-data.
* Involved in the enhancement of some applications and user requirements and implement high performance algorithms for data processing and analysis.
* Involved in image processing and fetching the data from the image.
* Interact with the Project Manager to provide estimates for different phases in the projects and to interact with the client team to convey the progress.
* Implement Singleton, proxy Design Patterns in developing the application.
* Used GIT for version control.
* Applying JSF Framework and configure the properties, Manage beans, Listeners and validations.

**Environment:** Java, JEE, Spring MVC, Hibernate, Maven, Eclipse, JPA, HTML, Web Services, GIT.

**Education: Bachelor of Science in Computer Engineering**

* **Fluent in Spanish**