**PROFESSIONAL SUMMARY**

* Highly motivated, creative, and versatile IT professional with around 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 Angular.
* Expertise to create a self-contained, reusable and testable modulus and components in Angular.
* Experience in building reusable and customizable components for a website using ReactJS 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 Angular 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 experience on 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 Model View Controller (MVC), Data Access Object, Proxy, Factory, Singleton, SOLID Principles etc. in the development of Enterprise Applications.
* Involved in complete Software Development Life Cycle (SDLC) phases which include Requirement analysis, 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 in Angular.
* 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 Angular 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 and 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, Unity |
| **Programming Languages** | Java, C++, C, SQL, PL/SQL, Python |
| **Application/Web Servers** | Oracle/BEA WebLogic, IBM WebSphere, Apache Tomcat |
| **Frameworks & API’s** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Data REST, Spring Data JPA, Spring Boot, JUnit, SOAP UI, Angular JS, Angular 8/9/10/11, D3, React JS, NodeJS |
| **IDE’s** | Eclipse, Net Beans, Intellij Idea, Spring Tool Suite (STS) and Visual Studio Code |
| **Web technologies** | JSP, JavaScript, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS, JSON, Adobe Flex, Spring MVC, Angular 9/10/11 JS, NodeJS |
| **Debugging Tools** | Firebug, Chrome |
| **NoSQL database** | MongoDB, Cassandra |
| **Web Services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, Micro services |
| **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 and NoSQL DB like MongoDB |
| **Version Control** | CVS, GIT, SVN, Bit Bucket |
| **Build Tools** | ANT, Maven, Jenkins, Gradle, Github Actions |
| **Message Queues** | Rabbit MQ, Apache Kafka, Web Sockets |
| **Mark-up/XML Technologies** | HTML5, CSS3, Bootstrap, JavaScript, jQuery, Ajax, AngularJS, NodeJS, XML, XSD, XSL/XSLT, SAX/DOM and JSON. |
| **Cloud Technologies** | Amazon Web Services (EC2, SQS, RDS, IAM, S3) |
| **Testing Tools/ Others** | Selenium, JUnit and Mockito |
| **OS & Environment** | Windows, Win 2k Server, UNIX, MacOS, Amazon Linux, Ubuntu |
| **Design Patterns** | Singleton, Factory, MVC, Front Controller and DAO pattern. |

* **Certified Scrum Professional**

**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 representation 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 ReactJS.
* 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 ECMA Script (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 React JS components and populated them with data from databases using Spring Data JPA.
* Wrote Type Script 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, Rabbit MQ, 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:** Java8/11, 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, Angular 9/10/11 .

**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 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.
* 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 on-going 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 centres.
* 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 8/11, 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**