**EXPERIENCE SUMMARY:**

**6+ years** of experience in providing full life cycle solutions for applications and expertise in Software Design, Development and Testing with expertise in **JAVA, Spring Boot, Spring MVC, Hibernate, SQL, Bootstrap, ReactJS, TypeScript, HTML5, CSS3, and Junit** working in Banking & Financial services, Insurance and Healthcare domain.

* Worked on all phases of the Project and Product development life cycle that includes System Study, Analysis, Design, Development, Integration, Testing, Deployment, Maintenance and Documentation.
* Configured and developed web applications using **Spring MVC, Spring Boot, Spring Security** and other Spring modules.
* Experience developing software using **SDLC** and **Agile/Scrum** methodologies using **TDD/BDD.**
* Experience in working with **RESTful** web services.
* 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.**
* Good knowledge of front-end web framework using **ReactJS** with **TypeScript**, **HTML5**, and **CSS3**.
* Good knowledge of enterprise application design patterns such as **MVC, Singleton Facade, Front Controller, Dependency Injection, Data Access Objects,** and **Abstract factory**.
* Hands-on experience in different modules (**Spring MVC, Spring Data JPA**) of Spring Application Framework.
* **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 in User Interface (UI) design and development process using technologies like HTML5, CSS3, JavaScript, jQuery, JSP, Bootstrap, AngularJS, Vue.js
* Experience in using Continuous Integration tools such as Jenkins and Github Actions.
* Experience in EC2, S3 of Amazon web services (AWS), and Knowledge on Pivotal Cloud Foundry services PCF, building services in Google Cloud Platform (GCP) i.e. GCE instances, Kubernetes, Shared VPC.
* 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.
* 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.
* Experienced in several DevOps essential tools like **Docker, Kubernetes, GIT, Jenkins.**
* Good knowledge in **Core Java** with **Multithreading**, **Concurrency**, **Data** **Structures** and **Collections**.
* Proficiency in developing applications using **Spring framework** and **Hibernate 3.1.**
* Strong knowledge on Object Oriented Design J2EE Core Java Servlets JSP JSF JDBC MVC etc.
* Experienced in developing enterprise applications using opensource Technologies such as **Spring**, **Hibernate3.0**, **Maven** and **Log4j**.
* Expertise in developing UI based GUIs using Java Applets, HTML5, DHTML, JavaScript, Typescript, AngularJS & 8, XML, DOJO, AJAX, JSF, JSP & spring form tags.
* Experience using **Docker** to develop applications and ship them into containers to be deployed anywhere.
* Hands-on experience with **Message Queue** (**Kafka**) for asynchronous communication between microservices, and decoupling services between data producers and data consumers, and also exposing APIs for moving large amounts of data for data analysis
* Knowledge of **AWS Lambda** service that can run application code on top of Amazon cloud infrastructure.
* Knowledge of **AWS SNS** to develop durable, secure, fully managed pub/sub messaging service that enables you to decouple microservices, distributed systems, and server-less applications.
* Used **AWS SQS** to manage message queuing service that enables you to decouple and scale microservices, distributed systems, and server-less applications
* Experienced in translating business requirements to technical specifications. Roles include gathering requirements, analysis of algorithms, customer service abilities, design, problem solving, troubleshooting and debugging.
* Experience configuring and using **Log4j**, writing **JUnit** test cases and using MAVEN commands.
* Hands-on experience in **Windows, macOS, UNIX** and **Linux** platforms.
* Experienced in databases such as **MySQL/Oracle** to manage tables, views, indexes, sequences, stored procedures, functions, triggers.
* Good Knowledge on front-end development using React with Redux but have also worked in all parts of the stack.
* Performed unit testing using **JUnit, Integration** and deployment of applications done using tools like **Maven** and debugging through Eclipse which includes unit testing, functional testing, integration testing, regression testing and user acceptance testing.
* Quick learner, good team player and proven track record for effective project execution
* Multi-tasking, able to handle more than one project simultaneously.
* Followed **Agile** under **Scrum Methodology** throughout all projects for development.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Web Technologies** | TypeScript, JavaScript, HTML5, CSS3, jQuery, ReactJS, JSP, JSON, Bootstrap, Kafka |
| **Languages** | Java SE, JEE, SQL, XML, Python |
| **Java Technologies** | JDBC, Servlets, Java Beans |
| **Design Patterns** | Singleton, DAO, MVC, Factory, Bridge |
| **Web Services** | REST, Microservices |
| **Cloud Services** | Amazon Web Services: Elastic Beanstalk, EC2, S3, IAM, AWS Lambda, AWS SNS, AWS SQS |
| **Methodologies** | SDLC, Agile, SCRUM |
| **Frameworks** | Spring 4.0 (Boot, Batch, Security, DATA, Cloud), Hibernate 3.0, |
| **IDEs** | IntelliJ IDEA, Eclipse 2018-09(4.9), STS |
| **Version Control Tools** | Git |
| **Web/Application Servers** | Apache Tomcat Server, JBoss |
| **Deployment Tools** | Maven, Jenkin |
| **Testing Tools** | JUnit, Log4j |
| **Databases** | MySQL, MongoDB, Oracle |
| **Operating Systems** | Windows (7,8,10), Linux (Ubuntu, Centos) |
| **Container Management** | Docker |

**PROFESSIONAL EXPERIENCE:**

**Citizens Financial Group, Providence, RI**  **Mar 2021 – Till Date**

**Project: Digital Banking System**

**Role: Java Full-Stack Developer**

**Responsibilities:**

* System study, interaction with users, analysis, designing, coding, and testing & implementation of the system. Development of product management code.
* Used **Angular 5** custom directives to route event to event handler functions, perform data binding, associate controller/scope with a view.
* Used **Spring Cloud** and **Netflix OSS** to build **Microservices** for insurance services, customer services and product services.
* Involved in developing software using **SDLC** and **Agile/Scrum** methodologies using **TDD/BDD.**
* Used **Agile** process and **Jira** to streamline the development and design process which includes bi-weekly **Sprint** and daily **Scrum** to discuss work progress.
* Creating Micro plans, effort estimations and traceability matrix documents. Identifying and escalating any issues in the development. Preparing the technical specifications based on analysis.
* By using **Java 8 Lamda to** provides a clear and concise way to represent one method for expression.
* **Lamda collect information** mostly from **DTO Objects from DBs** to iterate, filter and extract data from collections.
* **Java 8 Stream API** to process to Business Objects in sequential Stream & parallelStream in huge DTO Objects.
* **By** using new concept of Java8 **Lamda, Stream API, DateAPI** to build our business logic.
* **Angular5** directives to specify custom/re-usable elements and implementing validation Controls.
* It easier to build progressive web apps using **Angular5 HttpClient.**
* Used Angular5 build optimiser which removed unnecessary code from applications.
* Using **Angular5** Increase standardization across browsers.
* Developed the application using **Spring MVC** framework based on **Model View Controller (MVC)** design pattern.
* **POJO** based domain model integrated with **Hibernate ORM 4.2** for persistence Aggregation of data based on the summarized data of Supply Chain.
* Developed **Micro Service** to provide **RESTful API** utilizing **Spring Boot** with various data persistence frameworks such **as Hibernate** and **JPA** and messaging engines.
* Created an MVP for analytics engine with real-time processing, using Spring Cloud DataFlow, Cloud Stream, **Apache Kafka** and Docker Compose
* Designed user interface screens using **JSP 3.0** and **HTML5**. Used **JavaScript** for client side validation and **CSS3** for cross browser compatibility.
* Designed **REST APIs** supporting **JSON** that allow sophisticated, effective and low cost application integration.
* Used **Generics** to make the code type safe, remove type casting and use compile time checking.
* Used **JavaScript** **1.8** and **Spring Validation Framework** for performing front-end validations.
* Developed **Spring MVC** framework extensively with Inversion of Control (IoC) and Dependency Injection (DI).
* Written **Maven Scripts** for building, packaging and deploying the application.
* Used **Slf4J** **t**o capture the log that includes runtime exceptions.
* Reviewed functional and technical specifications by revising application functionality.
* Used **Apache Tomcat 1.8** application server to implement the Java Platform Enterprise Edition, create applications and to integrate applications with other applications.
* Worked on **AJAX** to develop an interactive Web Application and **JavaScript 1.8** for Data Validations.
* Performed root cause and impact analysis of the defects and fix the defects.
* Involved in designing and creating the Database Tables using **MySQL** Database.
* Improve performance of several layers by optimizing Code and writing stored procedures.
* Performed production support of the application in production and managed production issues.
* Implemented unit testing using **JUnit** framework for detecting errors and debugging the application.
* Used **Test driven development (TDD),** continuous builds, and frequent development iterations.
* Followed complete SDLC process under **Agile/Scrum** Methodology.
* Used **Jira** software with **Jenkins** and **Git** for real time bug tracking and issue management.
* Managed **Docker** containerization using **Kubernetes**.

**Environment:** Java 8/11, J2EE, Spring 4.0(Core/MVC/Boot), Hibernate, React, Bootstrap, TypeScript, Thyme leaf, RESTful API, JavaScript, HTML5, CSS3, Log4j, AWS Cloud, Jenkins, GIT, Junit, Maven, Jira.

**Erie Insurance, Erie, PA Jan 2020 – Feb 2021**

**Project: Payment Detection**

**Role: Java Developer**

**Responsibilities:**

* Designed the web pages for the sales consultation tool and wrote the business logic for them.
* Applied Agile methodology and organize scrum meeting on a regular basis.
* Used JEE paradigm using spring framework for MVC architecture.
* Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
* Used Spring's characteristic features like Dependency Injection/Inversion of Control, Transaction Management and Aspect Oriented Programming for various modules functions.
* Implement several core design patterns like MVC, Singleton and Data Access Object (DAO) etc.
* Used Hibernate Framework for object relational mapping and persistence.
* Implemented Spring Security to handle authentication and authorization for all HTTP requests.
* Interfaced with the MySQL using Hibernate Framework with annotation.
* Implemented MySQL queries and used stored procedures, and built-in functions to retrieve and update data from the databases.
* Implemented Spring Security with JWT to give authorization to third-party applications to obtain limited access to the HTTP service.
* Create service for pipeline UI interface to determine which UI to navigate to on loans in inquiry stage under sales consultation tools.
* Used JUnit for Validation of Code to verify that the logic of a piece of the program is correct.
* Implemented functional enhancements and bug fixes to the sale consultation web pages in the UI front, java model side and database end using JEE.
* Used Apache Maven as the software build tool and Log4J for logging errors and messages and Git for version control.

**Environment:** Java7/8, Spring 4.3.5, Angular 5, Junit, Hibernate 3.1.x, RESTful API, Eclipse, HTML4, CSS3, JavaScript, Maven, Log4j.

**LifeStance Health Group, Scottsdale, AZ April 2017 to Dec 2019**  
**Project Name: Patient Management Portal  
Project Role:  Java Backend 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, AJAX that handles asynchronous loading and rendering of claims data.
* 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 JSP, involving interactive features such as animations, text boxes, navigation buttons and messaging systems.
* 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 Jenkins, Maven.
* Used several DevOps essential tools like Docker, Kubernetes, GIT, Jenkins.
* 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.

**Technology Stack:** Java 8, Spring Framework, Hibernate, Spring Boot 2.1.1, Spring Data JPA, Spring Security with JWT, RESTful Web services, TypeScript/JavaScript, jQuery, Tomcat 9, HTML5, CSS3, Bootstrap, Maven, Log4J, jUnit., Jenkins, Scrum, JiRA.

**Education:**

**Bachelor of Science in Computer Engineering**