**EXPERIENCE SUMMARY**

* Over **6 years** of experience in total including **Information Technology, Full-Stack development, Web 2.0 specifications, Database designing, URL pattern design, DAO based logic design**,and documentation.
* Experience in software life cycle phases like **Requirement Analysis**, **Implementation**, and estimating the timelines for the project.
* Hands-on experience in different modules of **Spring Boot** Application Framework including **Spring ORM, Spring Data JPA, and Spring Mail API.**
* Knowledge of **Spring Batch**, **Spring JMS**
* Expert working with cutting edge front-end technologies/framework and libraries like **Angular 8, TypeScript, JSON, CSS3, Bootstrap, HTML5, and AJAX.**
* Experience working on **RESTful Web Services**. Developed and consumed RESTful Web services using Eclipse IDE.
* Experience in **Microservices** to develop applications using **Spring Cloud Netflix**.
* Experience working with **Docker** to easily create, deploy, and run images in docker containers using YAML **Dockerfile**.
* Knowledge of **Kubernetes** to automate processes involved in deploying, managing, and scaling containerized applications.
* Experience working with **Amazon Web Services** to deploy application in the cloud.
* Experience in working with **CSS background, CSS layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, and CSS behaviors**.
* Experience in using **Design Patterns** and **JEE Design Patterns** like **Singleton, Factory, Abstract Factory, MVC**, etc.
* Experience working with testing tools like **Chrome or Safari Web Inspectors and IE Developer Toolbar.**
* **Spring-Hibernate** based java server, include XML **config**, **MVC design**, **Event-driven** based working flow with **AOP** design.
* Experience in developing software using **SDLC** and **Agile/Scrum** methodologies using **TDD/BDD.**
* Experience in **Unit Testing (UIT)**, **Integration Testing**, and preparing test cases.
* Hands-on experience in using software configuration management tools like **Git**.
* Knowledge in continuous integration/continuous deployment pipeline implementation process.
* Experienced in working in an **Agile** based development environment and participating in **Scrum** sessions.
* Ability to write well-documented, well-commented, clear, and maintainable efficient code for web development.
* Experience with browser testing, knowledge of cross-browser/cross-platform compatibility.
* Strong communication, collaboration & team-building skills with proficiency in grasping new technical concepts quickly.
* Self-starter who is always inclined to learn new technologies and a team player with very good communication, organizational and interpersonal skills.

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming Languages:** | Java 7/8, SQL, Typescript |
| **Frameworks:** | Hibernate 4, Spring Framework 4.x(Spring Core, Spring Boot 3.2, Spring Security 2.0, JWT, Spring Data JPA, Spring REST API) |
| **Web Technologies:** | HTML/HTML5, Java Mail, JavaScript, CSS, Servlet, XML, JSON, AJAX, JPA, JSP |
| **IDE:** | Eclipse, Visual Studio, Spring Tools Suite |
| **Design Patterns:** | Singleton, Factory, Abstract Factory, MVC, Prototype, Builder, Adapter, Composite, Decorator, Strategy, Bridge |
| **Web and App Servers:** | Apache Tomcat 9 |
| **Web Services:** | SOAP, RESTFUL, Microservices |
| **Build and (CI/CD) Deploy Tools:** | Maven, Jenkins, AWS CodePipeline, AWS CodeDeploy, Docker, Kubernetes |
| **Version Control**: | Git |
| **Testing & Logging Frameworks:** | JUnit, Mockito, Log4j |
| **Database Management**  **Systems:** | MySQL, MongoDB |
| **Operating Systems** | Windows 10, Unix, Linux |
| **Cloud Computing** | AWS (IAM, EC2, RDS, S3, Elastic Beanstalk, SQS, SNS) |
| **Methodology** | Agile, Scrum, Waterfall, TDD |

**PROFESSIONAL EXPERIENCE**

**NJM Insurance, West Trenton, NJ Nov 2019 – Till Date**

**Role: Full Stack Java Developer**

**Projects: e-Delivery SLA Management**

**Responsibilities:**

* Adapted to all stages of software life cycle like design, development, testing and deployment. Requirements translation into Design and then coding according to designs and testing depending upon requirements.
* 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.**
* Experienced with the use of **Swagger** to generate the API document, API testing, and bug fixing.
* Used **Spring Boot Devtools** for **LiveReload** to improve the development efficiency.
* Extensively used **Spring IOC, AOP, configured Application Context files** and performed database object mapping using annotations.
* Created numerous mocks from test database using **Mockito** for unit testing of the code using the **JUnit** testing framework to implement **TDD**
* Worked under **Test Driven Development (TDD)** along with **Agile/Scrum** methodology.
* Implemented **Spring Boot Micro Services** that communicate with other remote services using RestTemplate.
* Used **Hystrix** to implement circuit breaker while invoking underlying Spring microservice of **Spring Cloud Netflix**.
* Used **Java 8 Lambda Expression and Stream API** to provide a clear and concise way to iterate, filter and extract data from collections.
* Added **Spring Security framework** to provide user authentication and authorization to the application
* Used **Spring Core** for dependency injection and dynamically configuring files/building web applications on top of **Java EE**.
* Used **Angular 7** to develop the frontend application with faster load time and better separation of concerns.
* Developed the persistence layer using **Spring Data JPA** which eases the development of applications that need to access JPA data sources.
* Implemented **Spring Data JPA** services for the required business logic.
* Designed and developed the framework to consume the web services hosted in **AWS EC2** instances.
* Set up MySQLconfigured Spring data source and Hibernate properties and created JPA repositories.
* Designed POJOs and implemented them as **JPA entities** with associated relationships for the **Model layer**.
* Implemented **PL/SQL** queries and used **MySQL stored procedures**, and built-in functions to retrieve and update data from the databases.
* Built out responsive **view layer** utilizing Bootstrap, HTML5.
* Developed **custom Angular components** to reuse some common parts of the frontend views.
* Architected, designed and implemented a **SPA** (Single Page Application) in **Angular** which consumes **JSON** from Spring REST Endpoint, using **Spring** Security to secure the Application
* GUI was developed using **Angular** and TypeScript, created reusable components in **Angular** using **Custom Directives Filters, Services.**
* Implemented **SOA** with **Web Services** using REST API’s.
* Used **JWT** with **Spring Security** in multi-tiered client web applications for User authentication to use one login feature.
* Implemented **Kafka** producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Assisted in designing and developing of integrated architecture system.
* Implement several core design patterns like **Singleton, Data Access Object (DAO)**, **Adapter pattern** and **Factory pattern.**
* Used **Log4j** framework to log the details of application processing as an audit logging framework
* Used **GIT** for version controlling and coordinating among team members. Used to keep track of changes in any set of files.
* Deployed the application as a standalone jar file.
* Used **Maven** to build application and for adding dependencies to the application.
* Worked with onshore and offshore team for performance testing.
* Used **JUnit** for unit testing the code to improve the quality of code before deployment.
* Used **Agile** process and **Jira** to streamline the development and design process which includes bi-weekly **Sprint** and daily **Scrum** to discuss work progress.
* Carried out **Test Driven Development methodology (TDD)** by using JUnit, MockMVC and Mockito framework for testing accuracy of code.
* Used **Jenkins** for **Continuous Integration (CI) & Continuous Deployment (CD)** during the project development setting up from **Git** to **Docker** with **Kubernetes**.

**Environment:** Java 8, Spring Framework 4.x(Spring Core, Spring Boot 3.2, Spring Security 2.0, Spring Data JPA, Spring REST API), Spring Cloud Micro Services, Kafka, MySQL, Maven, GIT, Docker, Jenkins, Kubernetes, Swagger API, Hibernate 5.1. Angular 7, HTML, CSS, Bootstraps.

**Bank of New Port, New Port, RI Jan 2018-Nov 2019**

**Project: Online trading application**

**Role: Full Stack Java 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 7/8, Spring 5.0, Hibernate 4.2, AWS, Apache Tomcat 1.8, HTML5, CSS3, XML, MySql 5.7, Log4J, Junit 5, JavaScript 1.8, JSP 3.0, Kafka, RESTful Web Services, Jenkins, Jira, Git, Docker, Eclipse 4.7, Maven 3.3.9.

**johnnie-O, Los Angeles, CA Sep 2014- Dec 2017  
Role: Full Stack Java Developer**  
**Project**: **eCommerce website**

**Responsibilities:**

* Designed and developed back-end service using **Spring Boot, Hibernate, Redis**.
* Created payment system and integrated with **PayPal API**.
* Implemented shopping cart function by using **Redis** to increase the system response speed by 50%.
* Designed responsive UI for different user device.
* Developed single-page application by using **React Router** and significantly improve the application response speed and user experience.

**Environment:** Java 8, Spring Boot, Hibernate, MySQL, Redis, HTML5, CSS3, JavaScript, React, Redux, AWS, Junit, Git, Maven

**Education: Bachelor of Science, Computer Science**