**EXPERIENCE SUMMARY**

* **6+ years** of experience in System Design, Enterprise Software development and complex Client/Server Implementation, Web Development, Intranet/web-based n-tier architecture systems utilizing Object oriented /Internet technologies, Implementation of JEE Technologies (**Spring, Hibernate ORM, JDBC, JPA, Spring Security**) in Banking and Financial domains.
* Expertise in **JEE** and **MVC** architecture/implementation, **Web Services,** Analysis, Design, Object modeling, Data modeling, Integration, Validation, Implementation and Deployment.
* Experience in spring technologies and modules like **MVC, AOP, Spring Transactions, Spring MVC, Spring Security, Spring REST, Spring Boot, JDBC, ORM** and **Web Services** using Eclipse and STS.
* Experience in using various Web and Application Servers like **Apache Tomcat 8.0, WebLogic and JBoss** process server.
* Knowledge of **Microservices** to developing Application using **Spring Cloud API**.
* Experienced in **Jenkins, Kafka, Docker, and Kubernetes**
* Knowledge of **Zuul Gateway** for advance routing & **Hystrix for circuit breaker** implementation.
* Expertise in front-end development using **HTML 5, Angular 6+ CSS3, TypeScript, Bootstrap.**
* Worked and managed to coordinate with offshore team.
* Involved in Design, development and testing of web application and integration projects using Object Oriented technologies such as **Core Java, JEE Design Patterns, Multithreading, Spring Framework, Hibernate, Java Beans, Web Services (REST), XML** and **Maven**.
* Good knowledge in **RDBMS** concepts and experience in **MySQL and PL/SQL.**
* Expertise with unit testing using **JUnit** and **Log4j** tools.
* Hands-on experience in writing complex database queries, stored procedures, and triggers.
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Extensive hands-on experience in different aspects of enterprise software development including integration, web services (**RESTful**)
* Used version control tools like **GIT.**
* Experience in developing software using **SDLC** and **Agile/Scrum** methodologies using **TDD/BDD.**
* Experience in designing Use Cases and Class Diagrams using **UML**.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Programming Scripting Languages:** | Java 8, JEE, HTML, JSP, XML, AJAX, Servlets, Angular 5+, TypeScript. |
| **Frameworks:** | Hibernate 5.3, Spring 4.0 (AOP, DATA, Core, MVC, Transaction, Batch, Rest API, Security), Spring Boot, |
| **IDE:** | Eclipse Neon, IntelliJ Idea, Visual Studio |
| **Design Patterns:** | Singleton, Factory, Builder, Facade, Prototype, Visitor, MVC, DAO, Front Controller |
| **Web Servers:** | Apache Tomcat 6.x/7.x/9.x |
| **Web Services:** | Spring REST, Microservices |
| **Deployment Tools:** | Maven |
| **Clouds** | AWS (IAM, EC2, S3, Elastic beanstalk) |
| **Version Control**: | GIT |
| **Testing & Logging Frameworks:** | TDD, JUnit4.x, Log4j |
| **Database Management Systems:** | MySQL 8.0 |
| **DevOps Tools:** | Jenkins, Docker, Kubernetes. |
| **Misc.:** | Visual Studio, TOAD |

**PROFESSIONAL EXPERIENCE**

**East West Bank, Kansas City, MO Oct 2019 – Till Date**

**Project: Online 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 using **Java 8** and related technologies like Collections, Classes, etc.
* **CRM** system study, interaction with users, analysis, designing, coding, and testing & implementation of the system.
* Used **Angular** on front-end to develop **SPA** (Single Page Application) with low latency on client application.
* Incorporated **Angular Reactive-Forms** to incorporate validations at the client side.
* Applied **Angular Routing** for navigating between the different components of the application.
* Applied **Bootstrap** for a responsive UI and faster and easier design.
* Implemented **Java 8** **Lambda functions** to write clear and concise code for higher efficiency and easier maintainability.
* Used in developing software using **SDLC** and **Agile/Scrum** methodologies using **TDD/BDD.**
* Incorporated **Java 8 stream API** for easier processing of collections. In addition to that, we used the **Rest API** along with lambda functions and stream API while implementing the business logic.
* Used **Spring Core** to **Autowire** repositories of modules in the **Service** layer.
* Applied **Spring REST** and its related annotations such as **RestController** to procure the **HTTP** protocol along with its suitable actions (GET, POST, PUT, DELETE) and map those **URL** actions to generate data on Front End in **JSON**.
* The **Service** layer was also implemented using the Service Annotation to generate the business logic with the Controller making use of the service to expose the endpoints of the API.
* Extensively used **Spring IOC**, configured Application Context files and performed database object mapping using Hibernate annotations.
* Applied **Spring Boot** to reduce configuration and avoid conflicts in versions of frameworks used.
* The combination of Spring Boot along with tools such as **DEV Tools** and **Actuator** helped run the application faster as well as monitor the health of the application.
* Implemented **Spring Security** for authentication and authorization for different roles in the Customer Query Tracking application.
* Used **Spring Data** along with the **JPA** repository to incorporate the predefined CRUD operations along with pagination and sorting.
* Ensured error-free code through **Spring Data** which was earlier prone to query related and table mapping issues.
* Inclusion of **JPA** repository added flexibility to change of database rolling project needs.
* Followed **TDD** methodology and created numerous test cases for unit testing of the code using the **JUnit** testing framework.
* Used multiple Spring frameworks with design patterns such as **Singleton**.
* Applied **Git Version Control** and **GitHub** to work on the project and integrate my code with other team members’ code.
* Incorporated **Maven** for better project and dependency management.
* Adopted **Apache Tomcat** as the underlying server that came bundled with the **Spring Boot** application and Oracle 11g as the underlying database.
* Creating micro plans, effort estimations and traceability matrix documents. Identifying and escalating any issues in the development. Preparing the technical specifications based on analysis.
* Coordinating with the team members and involved in code reviews.
* Design and modeled objects using modeling techniques in **UML** - Use Cases, Class Diagrams, Sequence Diagrams.
* Implemented **PL/SQL** queries and used Oracle stored procedures, and built-in functions to retrieve and update data from the database.
* Used **Hibernate** as an ORM tool for connecting to database and accessing information.
* Followed **TDD** methodology and created numerous test cases for unit testing of the code using **JUnit** testing framework.
* Design database in **Oracle 11g**, including tables, relationships, sequence, triggers.
* Involved in analysis, design and Implementation applying the **Agile** methodology.
* Development was with **Microservices model**.
* Used **Docker, Kafka, and Kubernetes** for container management across the servers.
* Software Development done using **Agile/Scrum** methodology
* Used Jenkins for continuous **CI/CD.**

**Environment:** Java 7/8, Angular 2/4/6, Spring boot 1.2.3, Spring MVC, JMS, Hibernate ORM 4.3.5, Agile/Scrum, Bootstrap, RESTful WebServices, JavaScript, HTML5, CSS3, UML, Oracle 11g, PL/SQL, Junit, Git, Maven.

**KeyBank, Washington, DC Oct 2017 – Sep 2019 Project: SpendTracker and Fico**

**Role: Java Full stack Developer**

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycles (SDLC)** like Design, Development, and testing phases, and developed Use Case diagrams, Class diagrams, and Sequence diagrams.
* Used and participated in **Agile** Methodologies for design and development of the applications.
* Developed Business components using core java concepts and classes like **Interface, Polymorphism, Collections, Serialization and Multithreading etc.**
* Improved the performance of the backend batch processes using **Multithreading** and **concurrent package API.**
* Used in developing software using **SDLC** and **Agile/Scrum** methodologies using **TDD/BDD.**
* Used **Java 1.8** features such as **Lambda Expressions.**
* Developed client/server applications using **Java, J2EE and Spring (MVC) framework.**
* Involved in the Development of **Spring Framework Controllers**. Developed **Controller for request, response paradigm by Spring Controllers using Spring-Boot.**
* Worked extensively on the spring framework, implementing **Spring MVC, Spring Security, IOC** (dependency injection) and **Spring AOP**.
* Performed **CRUD** operations like Update, Insert and Delete data in **MySQL.**
* Used **Spring** integration for integrating the application with **Microservices** using spring integration workflow files.
* Integrated with Continuous Integration tools **Jenkins** for running test.
* Worked on service-oriented systems that utilize **REST web frameworks, SOAP,** and message queue technologies (**Spring MVC, Spring REST Template, Spring Integration**).
* Used **Tomcat** for the web deployments.
* Used Oracle as Database and Involved in writing **SQL scripts**, SQL code for procedures and functions.
* Prepared Unit test cases using **JUnit** and integration testing.
* Used **Jenkins, Docker, Kafka, and Kubernetes** for container management across the servers.
* Created unit tests using **JUnit** framework in test driven development approach and developed unit and integration test cases using JUnit and **Mockito**.
* Used **GIT** and **SVN** for source control and **Jenkins** for continuous integrations.
* Worked on **Jira** for User requirements and used Jira as bug tracking tools.
* Involved in validating the application for different browser compatibility & users load.

**Environment**: Java/J2EE, Java1.8, HTML, Spring, Hibernate, SOAP, RESTful, Agile Methodology, Spring Boot, JSON, Micro Services, Servlet, Scripting, Oracle, Apache Tomcat, GIT, Maven, JUnit, Jira, Jenkins.

**Dexter Systems, Leesburg, VA Jan 2017– Sep 2017**

**Project: PharmaClerk**

**Role: Java/ J2ee 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.
* Involved in designing and developing front end web application using Angular, bootstrap, JavaScript, jQuery, HTML5, and CSS3.
* Used Java script and AJAX to query the Elastic search indices, 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.
* Design and Development of High Performance CPD processes by using multithreaded processes which in turn improved the performance by a lot.
* 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.
* Developed and Published SOAP based JAXWS web services and developed clients for consuming other web services.
* 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.
* Played a role in application enhancement using Spring 3.0 MVC framework.
* Build REST web service to handle requests sent from the front-end jQuery Ajax calls.
* Created and implemented database operation in HQL using hibernate 3.0.
* Involved in creating and extracting data from database using SQL Queries, PL/SQL Stored procedures on DB2 database.
* Experience in developing Manual / Automated Testing Strategies, Test Plans, Test Scripts and Test Cases.
* Experienced in Test Driven Development.
* Worked on AWS, (EC2 and S3) High Availability Practices and deploying backup/restore infrastructure.

**Environment**: Core Java, J2EE, HTML5, AngularJS, Node.js, Scala, CSS3, JDK 1.6, XML, Apigee, Spring 3.0, Spring Boot, Hibernate 3.0, Restful APIs, JMS, SOAP, log4j, PL/SQL, JavaScript, Eclipse Indigo, Eclipse Juno, JBOSS 7.0, WebSphere 8.0, DB2, Git, Docker, Git, Gradle, Maven 3.0.5, JUnit.

**Client: PWC, Ghana Dec 2014– Dec 2016**

**Role:** **Software Engineer**

**Project:** Developed applications for managing Manufacturing, Construction, Transportation

**Responsibilities**:

* Worked on web technology Java, HTML, JavaScript, JSF, JSP, Servlets to build front end design and development work.
* Designed and implemented application using JSP Spring MVC, JNDI, Spring IOC, Spring Annotations, Spring AOP Spring Transactions, Hibernate 3.0, SQL, ANT and JMS.
* Implemented all the components of Spring MVC Framework (Controller classes, Spring Bean Configuration file (dispatcher-servlet.xml).
* Developed Web Services using XML messages that use SOAP. Developed Web Services for Payment Transaction and Payment Release.
* Done code review and configuration build management for the application using Maven.
* Developed POJO’s, Data Access Object (DAO) which handles all database operation using Hibernate.
* Used JUnit for unit testing framework of code in Test Driven environment.
* Prepared Unit Test Plan, Integration Test Plan for the testing. I have also reviewed test plans of the peers in my team.
* Identify Test Data requirements to ensure adequate Test Data availability and perform manual testing on UI and Web Service.
* Special focus on Agile methodologies, including agile modelling and SDLC.
* Used version management tool Git and Jenkins.

**Environment:** JDK 1.6, J2SE, J2EE, Spring 4.0, Hibernate 3.0, NetBeans 6.7, Maven, JSON, Microsoft SQL server, RESTFUL Webservices, ESB, SOAP, JUnit 4.12, SQL, XML, Log4j, CSS, Java Script, XJC, Cisco tools Shell Scripting, JBOSS app server

**Education:**

**BSc:** Geomatic Engineering,