Zean Yu

Email id: zyu56666@gmail.com

Contact number:661-247-1236

**SUMMARY:**

* Having 5+ Years of experience as a **Full-Stack Java/J2EE Web Developer** with diversified exposure in analysis, design, development and implementation of web-based applications.
* Extensive knowledge on **Java SE** including **Collection**, **Threading** and Core Java.
* Good experience on **Java EE** technologies such as **Servlet**, **JDBC**, **JSP**, **JSTL** and **JNDI**.
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like **Spring MVC** and **Spring Boot**.
* Excellent knowledge on Spring Core such as **Dependency Injection**, **Annotations** and XML based **Configurations.**
* Hands-on experience with **Spring AOP** using **Advice**, **Aspects** and **AOP Processor**.
* Extensively worked on **Spring JDBC**, **Spring Hibernate ORM** and **JPA**
* Proficient at designing dynamic web applications using **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **AJAX**, **JSON** with responsive web applications using **Bootstrap**.
* Strong knowledge of **Angular 2/4** practices in commonly used **modules** and creating **reusable Components, Pipes** and **Services**.
* Strong experience using **MAVEN 3.0** Build System.
* Experienced working with technologies such as **Log4j**, **I18N**.
* Good experience in developing applications with **SOAP** and **RESTFul** **Web Services**.
* Proficient at design, development of web-based application using **Apache Tomcat 7.0/8.0/8.5, GlassFish 4.0**.
* Good Knowledge of Amazon Web Service (**AWS**) **EC2** and **Continuous Integration** with **Jenkins**.
* Expert at handling **Unit Testing** using **JUnit**, **Jasmine,** and **Karma**.
* Expertise in database technologies such as **MySQL 5.6/5.7**, **Oracle 10g/11g/12c**, **MS-SQL 12**.
* Experienced in version control tools like **GIT** and ticket tracking platforms like **JIRA**.
* Expertise in project documentation such as **E-R Diagram**, **UML modeling**.
* Experience working on Software Development Life Cycle (**SDLC**) with a blend of proficiency and leadership in **AGILE-SCRUM**.
* Good technical abilities and skills developed by determining work ethic and self-learning.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | Java, J2EE, XML, SQL, C++ |
| **Technologies** | Core Java, J2EE, Servlet, JSP, JDBC, JSTL, Web Services (SOAP and RESTFul), XML, ORM(Hibernate), Log4J, I18N |
| **Web Development** | HTML5, CSS3, JavaScript, Typescript, jQuery, Ajax, Bootstrap, Angular 2/4/5, JSP, XML, Dreamweaver |
| **Frameworks** | Spring, Spring AOP, Spring Boot, DAO in Spring Frameworks, Angular, Hibernate (ORM) 3.0/4.0 |
| **Servers** | Apache Tomcat 7.0/7.5/8.0/8.5, Glassfish 4.0, JBoss |
| **Database** | Oracle 10g/11g/12c, MySQL 5.6/5.7, MS-SQL 12 |
| **Methodologies/Design Pattern** | OOAD, OOP, UML, MVC, DAO, Factory Pattern, Singleton, Test Driven Development (TDD) |
| **IDE** | Eclipse 3.x/4.x, Atom, Sublime Text 2/3, Visual Studio Code |
| **Tools** | Maven 3.0, JUnit, Postman, Jasmine, Karma, Sourcetree, Jenkins |
| **Operating System** | Windows 10/7, MAC-OS |

**PROFESSIONAL EXPERIENCE:**

**Investors Bank, Iselin, New Jersey Jan. 2017-Till Date**

**Sr. Java Full Stack Developer (RESTful/Angular 2/Spring Boot)**

**Project: Investment Tax Reporting**

With more than 90 years of service in New Jersey and New York, Investors Bank provides Personal, Small Business, and Commercial & Institutional banking services. Project was to develop Investment Tax Reporting an intranet management system, which is used to help portfolio managers to view, manage and make decision about investment. I was involved in designing and implementing the functionalities such as displaying tax rates for different areas, looking up for history records, calculating the tax or combination tax and providing visualization of tax statistics.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle** (SDLC), including requirement gathering, modeling, analysis, architecture design, prototyping, developing and testing.
* Developed Single Page Applications (SPA) using **Angular 2**, **Typescript**, **HTML5**, **CSS3**, and **Bootstrap 3**.
* Developed complex nested **components** for reuse such as Pop-Up, Navigation.
* Implemented pagination by using **ngx-pagination** module.
* Used **Custom Pipes as filter** to provide better search and sort experience.
* Applied **CSS3** and **Bootstrap** for responsive web pages.
* Performed form validations using **reactive forms** from Angular 2 framework.
* Implemented **Router** to enable navigation from one component to another.
* Created **Services** to consume **REST API's** and to communicate between components using **Dependency Injection** provided by Angular 2.
* Used **D3.js** to generate graphs and diagrams for visualization.
* Implemented **HTTP requests** using **RxJS Observable** library to handle multiple values over time.
* Wrote unit test cases for controllers, filters and services using **Jasmine** and **Karma**.
* Developed server side application to interact with database using **Spring Boot** and **Hibernate**.
* Developed **POJOs** for **Data Model** and made individual HBM records to delineate Java Objects with Relational database tables.
* Used Rest Controller in Spring framework to create **RESTful Web services** and **JSON** objects for communication.
* Implemented **Log4j** and **I18N** technology for a broader perspective of the project.
* Developed test classes in **JUnit** for unit testing.
* Used **Postman** to test the RESTful API for HTTP requests such as GET, POST, and PUT.
* Used **GIT** for version control tool for merging branches and used Sourcetree to solve conflicts.
* Worked with **Threads**, **Multithreading**, **Synchronization** and **Collection API**.

**Environment:** JDK 1.8, J2EE, GlassFish 4.0, Spring Boot 1.4.x, Hibernate 4.x, Typescript, Junit, Jasmine, Karma, RESTFul, Bootstrap 3, Angular 2, Postman, D3.js, Log4j, I18N, HTML5, Maven 3.0, CSS3, GIT, Oracle 12c, Eclipse, Windows 10

**TriState Finance, Hasbrouck, NJ May 2015-Dec. 2016**

**Java/J2EE Developer (Spring-Hibernate)**

**Project: Bad Credit Auto Loan**

TriState Finance is the premier auto financing company covering the New York, New Jersey, Pennsylvania, Massachusetts and Connecticut area. The company focuses on financing Used and New Cars that are either purchased directly from the company or clients’ favorite dealers, especially for clients with bad credit and no credit history. Project was to develop an application called Bad Credit Auto Loan to provide a platform for clients, who do not have enough credit to get a loan directly from bank, options to get loans. I was mainly involved in designing and implementing both front-end and back-end for web pages for recording clients’ information, checking credit record of the client, displaying application for our finance expert, sending clients’ data to cooperating banks and managing clients’ information.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** using **Agile** **Methodology** and followed **Scrum** sessions.
* Used **Spring MVC** with **Hibernate** framework to build the application on server side.
* Performed Reverse Engineering to map **POJO** classes to database.
* Created **DAO** interface, abstract class and concrete classes to interact with **persistence** entities.
* Used Hibernate **Criteria API** to query the database and perform other CRUD operations.
* Worked on server side **validation** using various web forms through annotation based approach.
* Integrated **Spring Security** to validate the users.
* Handed on **Spring FTP Integration** for transferring data to remote FTP server.
* Used **Java File/IO** to generate documents.
* Created various Advice (before, after) methods as required using **Spring AOP** such as Logging.
* Configured the **Dispatcher** **Servlet,** setting up the **View** **Resolver**, **Transaction** **Manager.**
* Involved in configuring **JNDI** for database **Connection Pooling (Apache DBCP).**
* Applied **jQuery, Bootstrap**, **CSS3**, **JSP**, **and JSTL** to build interactive and dynamic UI.
* Used **AJAX** calls for data updates in UI along with **JSON** data parsing.
* Developed test cases and performed unit testing using **JUnit** classes.

**Environment:** JDK 1.7, Java SE, J2EE, Tomcat, Spring Boot 1.2.x, Hibernate 4.0, JavaScript, JSP, JSTL, jQuery, Ajax, HTML5, CSS3, Bootstrap 3, Maven 3.0, Eclipse, GIT, JUnit, MySQL 5.7, Agile, Eclipse, Windows 7.

**American New Line Express, Queens, NY Sept. 2014-April. 2015**

**Full Stack Java Developer (Spring MVC/Hibernate)**

**Project: Warehouse Management System**

American New Line Express Corp. (ANL) is a shipping enterprise that provides air freight service to all corners of the globe. ANL is dedicated to providing clients with global door-to-door, desk-to-desk, and port-to-port courier services. Project was to develop a Warehouse Management System which was used to control and track the transfer and storage of materials as well as material handling equipment. I was mainly responsible for developing the shipping item related functionalities such as searching with auto completion, filtering, pagination and designing responsive UI to display items.

**Responsibilities:**

* Developed a web-based application with **HTML, JSP, Spring MVC** and **Hibernate** frameworks.
* Used **XML** based configuration to wire the dependency components together and to define bean classes.
* Designed the **N-Tier architecture** for the application following Spring MVC pattern.
* Used **Maven** as a build tool, wrote the dependencies for the jars that needs to be migrated.
* Implemented persistence layer using Custom **DAOs** to handle **CRUD** operations.
* Used **JSP**, **HTML5**, **CSS3**, **Ajax** toolkit and **JavaScript** to design the UI.
* Developed range bars, check boxes for **filtering** records using jQuery.
* Displayed the records in the page using grid framework in **Bootstrap** with functions of pagination.
* Implemented inline editing, sorting functionalities using **jQuery**.
* Involved in performing **GET** and **POST** requests using **Ajax** to implement Auto Completion.
* Used firebug, Chrome **developer tools** to resolve the JavaScript errors.
* Implemented **stored procedures** and **dynamic SQL** on **SQL Server**.

**Environment:** JDK 1.6, J2EE, Spring, Hibernate 3.0, Spring 3.x, JDBC, JSP, Eclipse, SQL Server, XML, Apache Tomcat 7, HTML5, CSS3, JavaScript, jQuery, Windows 7/XP

**Xingfu Network Technology, Beijing, China Nov. 2012-Jun. 2014**

**Jr. Full Stack Java Developer (J2EE/Servlet/JDBC)**

**Project: Web Game Development**

Xingfu Network is an emerging large-scale, high-tech enterprise, which aims at developing online products and games. The project was to design and implement a web application for users to create accounts, download games, check status and purchase for virtual products in games. The application was also able to fetch and display data from database and was used for managing user by game master.

**Responsibilities:**

* Developed application using Java/J2EE platform. Implemented the Model View Control (**MVC**) structure.
* Implemented server side programs by using **Servlet**, **JSP** and **JDBC**.
* Involved in creating basic SQL for **CRUD operations** and advanced SQL for **procedures**.
* Created **DAO** classes to implement CRUD operations by using JDBC transactions.
* Tasked with creating **POJO** classes as well as Login page server-side and client-side validation.
* Applied Java Collections such as **HashMap**, **List** to store data and passed along with JSP efficiently.
* Applied Object-Oriented Programming (**OOP**) principles by using **Interface**, **Abstract**, **Overriding** and **Overloading**.
* Designed and developed very complex and large web pages using **HTML**, **CSS, jQuery** and **Bootstrap** for Dynamic web pages.
* Worked on form validation, error handling and event handling using **JavaScript** and **jQuery**.
* Used Advanced Core Java concepts of **Collections**, **Generics**, **Multithreading**, **Synchronization** for **Design Patterns**

**Environment:** Core Java, J2EE, Servlet, JSP, JDBC, JSTL, JUnit, MySQL, HTML, CSS, jQuery, JavaScript, JSON, Bootstrap, Apache Tomcat 7.0, Eclipse, Windows 7/XP

**EDUCATION:** Master’s in Computer Science**,** Stevens Institute of Technology