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| **Java Developer**  **+1-917-655-6883 Jchen6255@gmail.com** |  |

Jian Chen

**SUMMARY**

* Proficient in designing and developing Microservices business components using **Spring Cloud** and **Spring Boot**.
* Experience working with several Spring modules like **Spring MVC, Internationalization, Spring IOC, Spring AOP, Spring Data, Spring ORM, Spring Transaction**.
* Worked on **Hibernate** Framework, various modules like caching, HQL, criteria, join fetch, locking, pagination, association and inheritance mapping.
* Experience working with **Angular4** JavaScript framework creating Components, Services, Modules and working with Routing.
* Used **Mockito**, Spring testing framework to develop test cases for various modules
* Experience working with **JMS API** for interacting with an asynchronous message broker **Apache ActiveMQ**.
* Experience developing applications using **Spring Cloud** and have used AWS for deployment purposes.
* Used **Java 8** API features like Lambda expressions, Stream API, Optional interface.

**SKILLS**

**Programming Languages**: Java

**Web Technologies**: HTML5, XML, CSS3, JavaScript, jQuery, Angular 5, Typescript

**J2EE Technologies/Frameworks**: JSP, Servlets, Spring, Spring MVC, Spring Boot, Spring Security, Spring Cloud, Spring IOC, Spring DAO,Hibernate

**Databases**: Oracle 11g/12c, MySQL

**Application Servers**: Apache Tomcat, GlassFish

**Version Control Tools**: Git

**Build Tools**: Maven, Docker

**Testing Tools**: jUnit, Jenkins, Mockito

**OS**: Windows XP- 10, Linux

**IDE**: Eclipse, Intellij, NetBeans

**PROJECTS**

**Alaska Airlines, – Seattle, WA May 2018- Present**

**( Java/J2ee Developer)**

**Project: AirAlaska**

**Project Description:**

AirAlaska is a web application that offers a convenient and elegant website that helps users to book flights instantly with a dedicated customer support round the clock serving over 3,800 destinations across North America. The website has a huge list of options that helps travelers to select and book flights according to their needs and offers flexible travel date booking. It offers best deals to its users along with finding flights at a cheap price within minutes

**Technologies used:**

Spring Boot, Spring Security, Spring AOP, Hibernate, Restful Web services, Jenkins, Oracle 12 c, Github, NetBeans.

**Responsibilities:**

* Developed RESTful web services of AirAlaska using Spring Boot and secured **REST** endpoints using **Spring Security** and used **Swagger** for documentation of the restful webservices.
* Developed AirAlaska’s flight search, flight booking modules using Spring Boot and **Spring - ORM** to integrate Hibernate and creation of Hibernate POJO’s.
* Designed asynchronous messaging using **Java Message Service** (JMS) to exchange of critical business data and events among J2EE components and legacy system.
* Used **Spring Transaction API** to manage the transactions.
* Used **Ribbon** for load balancing and deployed configurations of microservices on the Github being used as the repository for configuration server.
* Used **AWS** services for deploying the application.
* Worked on the UI using **Angular5** framework and used NgRx for state management.
* Wrote unit test cases using **Jasmine** and **Karma** test runner.
* Used **Junit** and **Mockito** Framework for testing purposes.

**ZocDoc, NYC, NY April 2017 – April 2018**

**(Java Developer)**

**Project: ZocDoc**

**Description:**

Zocdoc is an online medical care appointment booking service, providing free of charge medical care search facility for end users by integrating information about medical practices and doctors' individual schedules in a central location. It allows physicians to list their practice online so that users can find doctors by location or specialty or insurance which they accept.

**Technologies used:**

Java 7, J2EE, Spring Boot, Spring Cloud, Hibernate, AWS, Microservices, Angular CLI, Typescript, XML, JUnit, Jenkins, Docker, Oracle 12c, PL/SQL, Github, Eclipse.

**Responsibilities:**

* Responsible for analysis, design, implementation and deployment of full software development life-cycle of the project.
* Implemented **Microservices** for Well Guide Management, Profile Management, Past Appointment, Doctor Search using **Spring Boot, Spring Cloud**.
* Implemented Persistence layer using **Hibernate** to interact with the Oracle database.
* Implemented various MessageConverters for converting POJO to our custom response.
* Responsible for developing unit tests using **Junit**.
* Deployed the services on testing environment using **Docker**.
* Used **Angular5** on the front end implementing smart and dumb components.
* Implemented Filtering logic for searching doctors and created forms and tested using **Jasmine** and **Karma**.
* Used **Jenkins** for continuous build and deployment of the code to the servers.
* Implemented **Log4J** for Logging Errors, debugging and tracking.

**Trailways,FairFax ,VA Feb 2016 – March 2017**

**(Java Developer)**

**Project: GoTrail**

**Project Description:**

Trailways is an [intercity bus](https://en.wikipedia.org/wiki/Intercity_bus_service) [common carrier](https://en.wikipedia.org/wiki/Common_carrier) serving over 3,800 destinations across North America. It offers a convenient and elegant website that helps riders to book buses instantly with a dedicated customer support round the clock. The website has a huge list of options that helps riders to select buses according to their needs and offers flexible travel date booking.  It offers best deals to its riders along with finding buses at a cheap price within minutes.

**Technologies used:**

J2EE, Spring MVC, Spring AOP, Hibernate, Active MQ, AJAX, XML, jQuery, JavaScript, HTML5, CSS3, Github, Maven, Jira, Oracle 12c, Apache Tomcat, NetBeans.

**Responsibilities:**

* Developed the application by implementing **MVC Architecture** by integrating **Hibernate** and **Spring** frameworks.
* Worked on Login/Logout, Registration modules of **GoTrail** online ticket booking system using **Spring MVC.**
* Implemented **Spring AOP** to manage transactions, logs and exceptions.
* Implemented **Internationalization** for GoTrail using spring libraries.
* Developed pages for Login/Logout, Registration, Search functionality modules of GoTrail using **JSP**, **HTML5**, **CSS3, Jquery**.
* Using Spring MVC **Exception Handler** and Controller Advice for exception handling
* Using **Maven** for building and **Jenkins** for deployment on different environments.
* Worked in Agile Environment and used **Jira** as project management tool.

**PNC Bank, Atlanta, GA Jan 2015- Jan 2016**

**(Java/J2EE Developer)**

**Project: Virtual Wallet**

**Description:**

PNC is a leading insurance/financial organization in many countries. It helps small and large companies grow domestically and internationally, and it is developing wealth management services and investing in retail banking in markets. provides flexible loans for Auto, Business, Personal, Home Equity and home loans. This Virtual Wallet application allows online banking for its customers to view their account balance, view monthly statements and to transfer funds. This application also allows setting up e-bill payments

**Technologies used**:

Java 7, Spring MVC, Hibernate, Restful web services, JSP, HTML5, CSS3, Bootstrap, jQuery, Javascript, AJAX, Junit, Oracle12c, Jira, Github, LOG4J, Eclipse.

**Responsibilities:**

* Developed **Virtual Wallet** application in a Model-View-Controller (MVC) pattern using **Spring MVC, Hibernate frameworks**.
* Developed Profile Management, transaction management module using Spring MVC.
* Implemented **Hibernate pagination** mechanism using criteria API in **Virtual Wallet.**
* Extensively used Hibernate in **Data Access Object** persistence layer to access and update information in the database.
* Used **JSP**, **HTML5, CSS3** and jQuery for client-side validations.
* Used **Maven** as a build tool, run different phases and manipulate them according to requirements.
* Used **JIRA** as project management tool and Github for code repository and version control.

**Queens College, NYC Aug 2014 –Dec 2014**

**(Java/J2EE Developer)**

**Project: WebQ**

**Description:**

WebQ is Queen’s University’s back-office application used for Admission processes of future grads. The application was developed using Java/J2EE.

**Environment:** Java, J2EE, Servlet, JSP, JDBC, JavaScript, AJAX, jQuery, HTML, CSS, JUNIT, XML, Mysql, Maven, Log 4J, GlassFish, Github, Eclipse.

**Responsibilities:**

* Created UML analysis models such as Activity diagram, State diagram, Sequence diagrams.
* Developed **WebQ** modules such as Upload document, Data collection modules using **Servlets** and **JSP**.
* Worked on the frontend using Javascript, Jquery and Ajax.
* Used several **jQuery Effects** to perform some animations on the WebQ web pages.
* Involved in creating and extracting data from database using **SQL Queries** on **MySQL** database.
* Used **Log4J** for configuration and customization of logs.
* Used Github as the Version Control Tool.

**EDUCATION**

**Queens College, City University of New York**

Bachelor of Science in Computer Science