Owen Zhou
Java Developer

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Summary

I have 3 years of experience as a Java developer with a bachelor's degree and a diploma in Software Development. I finished a course video **website**, which is built with the **micro services** framework and cloud technologies, as a personal project. I worked to design, develop, test, and document **Java SPA** applications. Fluent in Mandarin and competent in English.

- Have a bachelor's degree and a diploma in Software Development.
- 3 years experience in Java **RESTful** web-based applications.
- Understanding **Nacos** as a Service Discovery and Configuration Management and Spring Cloud **Gateway** as a gateway with **Spring Security** to use in an access control system(ACL) in the micro service and cloud application.
- Understanding the use of **Could** OSS, VOD, SMS service, JWT Token and scan QR code to login (OAuth2.0) and payment.
- Understanding how to use Docker in Linux.
- Experience with **JAVA EE**, **Spring Boot2**, **Spring Cloud** and MyBatis(MP) to develop RESTful web-based applications and understanding Spring, SpringMVC and Servlet on the back end.
- Experience with **Vue**, **React**, **JavaScript**, HTML and CSS, with Axios, Element-ui, Ant Design and Bootstrap to develop the front end.
- Experience with **MySQL**, understanding Redis database and using Postman, Swagger and JUnit to test.
- Understanding how to use Maven, Npm(Node.js) and Tomcat. Can work in the Linux environment.
- Experience with IntelliJ IDEA, VS code, Visual Studio 2019 and Apache NetBeans.
- Experience with Object-Oriented Design, Git, and Agile methodology.
- Understanding C, C# programming and ICT maintenance.
- Have good communication skills and am a quick learner.
- **Permanent Resident Visa(PR)**.

Skills

Back-end: **JAVA** EE(Web), SpringBoot2, SpringCloud, AliCloud, Nacos, Feign, SpringSecurity, Gateway, Nginx, Maven, C#

Front-end: **Vue, React**, **JavaScript**, HTML, CSS,

Database: **MySQL**, Redis, MyBatis, MyBatis-Plus, JDBC, Microsoft SQL Server

Test: Postman, Swagger and JUnit

Tools: Git, Docker, IntelliJ IDEA, Visual Studio Code, Maven, Npm(Node.js), Tomcat

Personal Project

Sv-edu course video website. It is a website for customers to buy and watch course videos on the Internet. This website includes **3 projects** below:

Customer Website: It's a website for members to search, buy and watch video courses on the Internet. It is built with Vue2.0 on Nuxt. Customers can scan a **QR code** to **log in(OAuth2.0)** and then pay and watch for their course order. Customers also can receive short messages(**SMS**) to register by phone number.

Admin Management System: It's an admin management system. Admins and teachers can manage teachers, courses, videos and other data for the website from this system. It is built with **Vue2.0** and **Element-UI**. It includes an **access control system(ACL)** that uses **Spring Security** to control **roles and permissions**. It ensures security for the system and users can operate the menus when they get the right permissions.

Back-end: It is the back-end service for the website and the admin system. It is built with Java on **Springboot2** based on **Micro services** and **Spring Cloud**. It used **MyBatis** to do control MySQL database and **Nacos, OpenFeign** and **Spring Cloud Gateway** in micro services models. It uses **Cloud Object Storage Service(OSS)** to store pictures and **Cloud ApsaraVideo VOD service** to store videos and play videos from the **Cloud**. The services include a **Short Message Service(SMS)** service to send a verification shot message code to an Australian phone for customers to register and **JWT Token** for authentication after customers login.

Experience

2014-2017
Java Developer
Gold Leaves Landscape Co.; Ltd., WUHAN, CHINA
- Design, development, and unit testing web applications.
- Worked with Java and SpringBoot to help implement functions in web applications.
- Implementing front end using HTML, CSS, and Vue.
- Use MyBatis to operate the MySQL database. Use Swagger, Postman and JUnit to test.
- Develop Maven projects on the Tomcat service in a Linux environment.
- Use Object-Oriented Design and Agile methodology.

Education

Diploma of Software Development
Bachelor's Degree in Computer Science

Certificate III Advanced English for Further Study
Certificate III English for Further Study
Certificate IV in Property Services (Real Estate)

Additional information

- I am a Permanent Resident(PR) with full working rights in Australia.
- Fluent in Mandarin and competent in English.
- My portfolio page: **https://owen-zhou20.github.io**
- My Github: **https://github.com/owen-zhou20**