**RESUME**

Name：ShaoJun Wang Graduate School：Jinling Institute of Technology

Major：Software Engineering Position：JAVA Software Development Engineer

Hometown：Nantong, Jiangsu Age：27

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WORK EXPERIENCE

2021/03-2022/05

Xinzhiyun Data Service Co., Ltd. | Lizheng Product Design and Technology Development Group | Software Development Engineer

Industry category: Industrial Internet | Scale: 500-1000 people

The company is the digital department of the top 30 private enterprise ENN Group, and provides strong technical support for ENN Group's industrial digitalization and the construction of parks and plant-station platforms. After I joined the company, I participated in intelligent customer service project (management side, answering side, client side), knowledge base project, low-carbon business service intelligent logistics (platform side, user side), safety visual products based on the gas industry (management side, user side) and other projects.I participated in demand analysis, database design and front-end and back-end code development. In the department's 2021 annual assessment, my results is excellent.

2019/05—2021/03

Shanghai Taicheng Technology Co., Ltd. | Product Development Department | Software Development Engineer

Industry Category: Internet of Things (IoT) Software | Scale: 50-99 people

The company is mainly involved in the new energy industry (electricity, solar energy, fuel cells, energy storage, etc.), and its target customers are located in the United Kingdom, Japan, and the Middle East. It has cooperated with BYD, State Grid, and Sunwoda. As a software development engineer and project team leader, I organized the development of multiple projects in the company, analyzed project requirements, formulated the overall framework of the project and developed it, and deployed it to the cloud. I ranked second in the 2020 annual company assessment and won the honor of outstanding employees.

2016/07—2019/04

Nanjing Qingtian Technology Co., Ltd. | Communication Politics and Law Division | Software Development Engineer

Industry Category: Computer Software | Scale: 500-1000 people

The main task of my department is to develop business systems for the public security, procuratorate, courts and prisons in Jiangsu Province. I work as a software development engineer and have been involved in the development of several projects. As the main person in charge of two of the projects, I assisted the project manager in analyzing project requirements, sorting out project materials such as requirement documents, acceptance documents, and user operation manuals, writing patent documents, and participating in project deployment and maintenance. I won the honorary title and certificate of the 2018 Excellent Manager at the department level.

**PROFESSIONAL SKILLS**

* More than five years of software research and development experience, major in software engineering, proficient in object-oriented programming, familiar with JVM principles, and have good development habits;；
* Proficient in using microservice architecture SpringCloud and Dubbo and their ecological chain；
* Proficient in using mainstream open source application frameworks SpringBoot, SpringMVC, Mybatis and other architectures；
* Proficient in MySQL, Oracle, SQL Server and other relational databases, proficient in writing standard SQL statements, stored procedures and related tuning；
* Proficient in using non-relational databases such as Redis and MongoDB；
* Familiar with message queue middleware such as Kafka and ActiveMQ；
* Familiar with Docker container orchestration and deployment, AWS (Amazon Cloud)-based K8s (Kubernates) cluster deployment, database cluster deployment, and understand the use of Linux-related commands；
* Familiar with Vue+Vuex+Vue-router+axios, html+Ajax+jQuery and other front-end frameworks；
* Familiar with front-end UI component libraries such as ElementUI+Vant+Iview；
* Familiar with Elasticsearch search engine；
* Proficient in using development, deployment, version management and other auxiliary tools such as Intellij IDEA, Git, Maven, SVN and Nginx.

**SELF-EVALUATION**

* I have strong professional skills and have some experience in managing projects. I can be independently responsible for requirements analysis, system detailed design, database design, system development, deployment and online work. I have good requirements understanding and document writing skills.
* I have a strong sense of responsibility and pressure resistance, good at communication and multi-party collaboration.
* I have good learning ability, enthusiasm for technology and work, good teamwork spirit.

**PROJECT EXPERIENCE**

2022/3-2022/5

Safety Visualization Products Based on Gas Industry

project description：

This product creates a unified security visualization platform for the group's industrial parks and factories. The platform manages the safety signs of various places in the park, and promptly notifies safety inspectors to check the safety of the park. The platform is divided into management side and user side.

project responsibilities：

1、I participated in the requirements analysis of the project, database design (summary design, logical structure design, index setting), and organized relevant documents.

2、I participated in the background development tasks of the management end and the user end, including the identification library module, the factory station library module, the shopping cart module, the design single module, the factory station identification library and other modules. The project adopts the distributed architecture Dubbo, Spring Cloud Gateway gateway, Nacos registration center, Apollo configuration center, Mysql, Redis database.

2021/12-2022/2

Low-carbon business service intelligent logistics project

project description：

The project has built a unified management platform for the park, including smart parking, all-in-one card, equipment management, smart conference room, attendance check-in, visitor management, asset management and other services.

project responsibilities：

1、The project adopts distributed architecture Dubbo, including Spring Cloud Gateway, Nacos registration center, Apollo configuration center, Mysql, Redis database.

2、I participated in the database design and background development tasks of the platform-side and tenant-side equipment management, merchant management, consumption statistics and other modules in the one-card project.

3、I participated in the research and development tasks of the web and mobile front ends in the park information release project. The project uses frameworks like Vue and iView/Vant.

2021/10-2021/11

Knowledge Base Project

project description：

This project builds a unified knowledge management platform for the group, providing functions such as creating templates, exporting and importing knowledge, data search and filtering.

project responsibilities：

1、The project adopts Spring Cloud, a microservice architecture, including Spring Cloud Gateway and Nacos registry. The project uses the Elasticsearch search engine to store and retrieve data, Redis stores permission-related information, and MongDB stores historical retrieval index data.

2、I participate in the development of template modules, including exporting template components, importing data in batches, and verifying imported data .

3、I add the aspect interface to save the operation record for the user's search, browse, favorite and unfavorite operation behaviors..

2021/04-2021/09

Artificial/Intelligent Customer Service Project

project description：

The project has created an intelligent customer service platform for both internal and external customers of the Group. The project is divided into management terminal, response terminal, client terminal, and mobile terminal. The platform is connected to the company's OA and exclusive DingTalk ICOME.

project responsibilities：

1、The project adopts the microservice architecture Spring Cloud, including Spring Cloud Gateway, Nacos registry, Ribbon load balancing, and the database uses Mysql, Redis, and MongoDB.

2、I participated in requirements analysis, database design (summary design, logical structure design, index setting), and organized relevant documents.

3、I participated in the background development tasks of the management terminal and the answering terminal. The management terminal includes modules such as window settings and pop-up card settings. The answering terminal includes customer service and customer dialogue, customer service collaboration, pending conversations, customer service address book, chat transfer, chat records, message sending, customer information, knowledge base search and other modules

4、I used the SDK of Watson, a third-party NLP platform, which provides machine training to empower smart customer service projects.

5、I was responsible for the front-end development tasks of the web version of the answer side, using the Vue family bucket and Element framework.

2020/09—2021/03

UK AVS Ophthalmology Program

project description：

The project was developed in cooperation with a UK customer, mainly using instruments with built-in Raspberry Pi (mini computer motherboard) for ophthalmological examination, involving the research and development of desktop and webportal.

project responsibilities：

1. I served as the project team leader, responsible for docking requirements, overall project framework design, overall database design, organizing weekly project meetings, demand analysis and task assignment for iterative functions, and project progress tracking.
2. I used technologies such as SpringBoot and Mysql for background development.
3. I used Vue+Element+NodeJS+Electron and other technologies for desktop front-end development。

4、I wrote documentation on database design, requirements changes, iteration reports, etc.

2020/05—2020/08

OM project

project description：

The project uses maps to display global power asset sites, power parameter data for each site, and dispatch maintenance management.

project responsibilities：

1. I participated in the background development of modules such as permission management and work order management. The project uses technologies such as SpringCloud, Nacos, Oauth2, and Mysql.
2. I connected the Trello interface of the third-party work order dispatching system.
3. I used the database cluster and web cluster (kubernetes) of AWS Amazon cloud server to deploy the project and also built a docker private warehouse.

4、I wrote deployment documentation and database design documentation.

2019/09—2020/04

Japan Osaka Electric Power Project

project description：

This project cooperates with customers in Osaka, Japan to build an energy internal circulation platform for home users that integrates data monitoring of solar energy, energy storage, fuel cells, and data collection, control and distribution of household appliances such as air conditioners, involving equipment platforms, IoT platforms and Raspberry Pi.

project responsibilities：

1. I use technologies such as SpringBoot and Mysql to build the background of the project.

2、I use technologies like Vue and Element to develop front-end demo pages.

3、I studied EchonetLite, a communication protocol for home appliances；

4、I used the third-party IoT platform Thingsboard for data upload and distribution, including technologies such as Mqtt and RPC.

5、I used ActiveMQ for remote update.

6、I wrote deployment documentation and database design documentation.

2019/05—2019/09

Sunwoda Boluo Park Integrated Energy Management Platform

project description：

The project cooperated with Sunwoda Electronic Co., Ltd to develop a monitoring platform for electric energy, solar energy conversion and energy storage for a pilot industrial park in Guangzhou .

project responsibilities：

1. I was in charge of the contact requirements and the overall design of the database.
2. I was involved in the backend development of the device management platform, the project uses technologies like SpringBoot and Mysql.

2018/12—2019/04

Jiangsu Province Politics and Law Collaboration Platform

project description：

The project mainly builds a platform for online case transfer and collaborative case handling for five units of Jiangsu Provincial Public Security, Procuratorate, Legal Aid, Judicial Bureau and Prison.

project responsibilities：

1. I was one of the main technical leaders on the judicial side at the time, I was familiar with the overall framework and participated in collaborative meetings.

2、I wrote a technical document on the docking of judicial business system.

3、I participated in the development of business interfaces related to the community correction system, the main business system of the judicial end.

4、I conduct interface joint debugging with the above-mentioned coordinating department.

2018/10—2018/11

Ministry of Justice Online Exam Platform

project description：

This project is the national unified online judicial examination platform of the Ministry of Justice.

project responsibilities：

I participated in the porting of mock exam modules and optimization at the department level 2017/07—2018/09

Jiangsu Province Community Correction Management System (Phase II)

project description：

This project is mainly for judicial administrators to manage some criminals who have been sentenced to probation and parole serving their sentences in the community, involving more than ten administrative approval processes.

project responsibilities：

1、I served as the project leader and main developer.

2、I participated in project requirements analysis, system design, database design, code development, test bug closure, system online deployment, user training, project acceptance, etc.

3、I am responsible for docking with a number of third-party companies, including mobile terminals, electronic positioning, motion trajectories, attendance clocking, etc.

4、I write project documents such as "Requirements Specifications", "User Operation Manual".

5、I applied for and wrote several new utility patents for this project, one of which has passed the preliminary examination.

2016/07—2017/06（Internship）

Jiangsu Legal Aid System、Jiangsu Provincial Legal Propaganda System、Hebei Province Community Correction System、Ministry of Justice data reporting and other projects

project responsibilities：

I participated in the development of the administrative approval process, automatic document generation, complaint management, role authority management and other modules of the above systems.