

Resume - Front-end Development

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Undergraduate / Graduated in 2022

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Introduction

- Passionate about technology, eager to explore and master new technologies. Actively pursues both depth and breadth in technical skills, excels at self-directed learning, and effectively applies new knowledge to real-world projects.
- Possesses innovative thinking and stays informed about cutting-edge technologies and industry trends. Enjoys experimenting with new methods and tools, continuously optimizing existing systems and processes to improve team and individual efficiency and quality.

Work

Shanghai Huwan Intelligent Technology Co., Ltd. (2023.9-2024.9)

Engineering

Infrastructure construction

Vue2/3

Mini program

Front-end development team

- Front-end projects (infrastructure)
 - Mini program mobile terminal basic development framework construction, packaging optimization.
 - Participate in and maintain the basic framework construction and optimization of web-side projects.
 - Participate in echart to build a visualization platform.
 - Introduce and promote new technologies, improve the team's technical level, and optimize development tools and processes.

Saimo (Shanghai) Industrial Internet Technology Co., Ltd. (2022.6-2023.5)

Engineering

Project refactoring

React17/18

Vue3

Qiankun

Front-end development team

- Front-end project optimization (infrastructure) (participant) performance increased by 50%
 - Introduce and implement micro-front-end architecture to achieve modular development and improve system flexibility and scalability.
 - Optimize redundant code and participate in component library development with colleagues to improve development convenience.
- Front-end project reconstruction (responsible person)
 - Re-split and adjust the original project modules into a

Vue3

 project.
 - Build and reconstruct customized project scaffolding and encapsulate common components.

- Work closely with the back-end development team to ensure seamless integration of front-end and back-end codes and optimize overall system performance

Project

e Marie Claire(Mini program)

Vue3.0 uni-app Vite Axios

2023.09 - 2024.09

Project address : WeChat search **eJiaren Mini Program** (provides citizen reporting services and provides citizen convenience services. There are more than tens of thousands of registered users. It is currently being promoted in Malu Town, Jiading District, and will cover the entire Jiading District in the future.)

Responsible for front-end project construction and small program development

- It has gone through three reconstructions, focusing on performance optimization and experience. In version 2.0, the speed of opening the homepage has doubled.
- The syntax of **ES6/ES7** is adopted, and **axios** requests are processed uniformly.
- Based on the AMAP API, functional components such as unified map positioning and point selection are encapsulated.
- Develop components such as article lists, modal pop-ups, questionnaire answers, product lists, etc.

Fire Brigade Management System (Mini Program / H5)

Vue3.0 uni-app Vite Axios Echarts

2024.01 -2024.04

Project description: The Fire Brigade Management System is a comprehensive internal management platform used for personnel management, team supervision, vehicle management, leave management, vehicle management, physical examination and assessment management, equipment management, fund management and material management of the Shanghai Fire Brigade. . This system improves the management efficiency of the fire protection system through process management, ensures seamless connection between modules, and improves the convenience and accuracy of the overall operation.

Responsible for the reconstruction and integration of small program projects and h5 end development

- Use **Vue3** , **Vite** and **Uni-app** to build a small program development scaffolding from scratch, configure development specifications and best practices to ensure an efficient and orderly development process.
- Solve problems encountered during the development process such as packaging configuration failure and mini program running style errors to ensure the smooth progress of the project..
- Encapsulate reusable components to improve code reliability and maintainability, reduce duplicate code, and improve development efficiency.
- Solve the problem of packaging failure caused by the main package being too large when the mini program is running, and improve the performance and user experience of the mini program by optimizing the code and compressing resources.

Fire equipment management system platform (PC)

Project description: The fire protection equipment management system aims to improve the efficiency of fire protection equipment management and achieve comprehensive management, monitoring and deployment of fire protection equipment through comprehensive solutions. The system records and tracks information on various types of firefighting equipment, including firefighting vehicles, fire extinguishing equipment and protective equipment. Users can efficiently manage the purchase, maintenance, overhaul and scrapping of fire-fighting equipment, monitor equipment status in real-time, remind maintenance cycles, and generate relevant reports to ensure that fire-fighting equipment is in optimal use and provide reliable support for fire-fighting work.

Responsible for PC development

- Participate in the design and development of core functional modules of the fire equipment management system, such as equipment information entry, query, statistical analysis, etc.
- Work closely with business departments to collect and analyze requirements to ensure system functionality meets user expectations.
- Encapsulate reusable components according to business needs to improve development efficiency and code maintainability.
- Participate in system testing and deployment, continuously optimize system functions and user experience, and make improvements based on user feedback.

Chemical enterprise safety production information management platform(PC)

Project description: The chemical enterprise production safety information management platform uses the Internet + industrial technology to provide WEB clients and mobile APPs for data access and control anytime and anywhere, and to quickly understand the operating status, logs and alarm information of the process. The platform has established a complete major hazard source identification and management mechanism to effectively control the sources of major accidents and ensure the stability of safety management of chemical companies.

Participate in PC-side development and be responsible for the reconstruction and development of customized versions

- Participated in the compilation of company project dashboard pages and used ECharts charts to achieve large-screen data display.
- Use Qiankun micro front-end technology to split and integrate sub-modules of old projects to improve the flexibility and scalability of the system.
- Lead the reconstruction and optimization of Platform 2.0 to improve system performance and user experience.
- Work closely with team members to develop and improve the company's component library to ensure code reusability and consistency.
- Actively participate in communication between product, UI and back-end teams to jointly promote iterative product development and ensure project delivery on time.

Skill

Web basics

- Proficient in HTML5/CSS3, responsive layout and small program (uni-app) development
- Learn about ES6/ES7, TypeScript, Webpack, Vite
- Have experience in Antd Design, Element UI, Tailwind CSS building projects
- Understand React Native development and work on simple projects every day
- Familiar with Git for team collaboration and have a certain foundation in PS

front-end framework

- Vue2/3 has developed large-scale applications and understands Vue principles and technology stacks
- React and React related technology stack (NextJs)

Backend related

- Understanding Java/.Net can make simple adjustments to the project.
- Understand how NestJs can be used to easily build small projects

database

- Mysql
- SQL server