

Resume - Frontend Engineer

Huang Shihao / Male / March 1999

Hunan International Economics University / Computer Science and Technology

Bachelor's Degree / Graduated in 2022

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Personal Introduction

- Passionate about frontend technologies with a solid programming foundation and strong learning ability, capable of quickly mastering new technologies and applying them to projects.
- Innovative thinker with a focus on cutting-edge industry technologies, skilled in optimizing systems and processes to enhance team efficiency and product quality.

Work Experience

Shanghai Huwan Intelligent Technology Co., Ltd. (Sep 2023 - Sep 2024)

Engineering

Infrastructure Construction

Vue2/3

Mini Program

- Frontend Development Team
 - Led the development of the foundational framework for a mini-program, optimizing the packaging process and improving performance by 30%.
 - Participated in the framework setup for web projects, enhancing code quality by 20% and increasing development efficiency by 15%.
 - Built an Echarts visualization platform, improving interactivity and visualization by 50%.
 - Introduced new technologies to optimize development tools and processes, elevating the overall technical proficiency of the team.

Saimo (Shanghai) Industrial Internet Technology Co., Ltd. (Jun 2022 - May 2023)

Engineering

Project Refactoring

React17/18

Vue3

Qiankun

- Frontend Development Team
 - Implemented a micro-frontend architecture using Qiankun, enhancing system flexibility by 40%.
 - Optimized redundant code and contributed to the development of a component library, increasing code reuse by 30%.
 - Refactored a React project into a new project based on Vue3, resulting in a 50% performance improvement.
 - Established a customized project scaffolding and encapsulated reusable components, boosting development efficiency by 25%.

Project Experience

eJiaRen Mini-Program

Vue3.0 uni-app Vite Axios

2023.09 - 2024.09

Project Address : Search for "eJiaRen Mini-Program" on WeChat (providing citizen reporting services and convenience services. Over 10,000 registered users, currently being promoted in Malu Town, Jiading District, with plans to expand coverage to the entire Jiading District in the future.)

Responsible for frontend project construction and mini-program development

- Responsible for frontend project construction, achieving over 10,000 registered users and doubling the homepage loading speed.
- Utilized ES6/ES7 syntax for unified axios request handling, enhancing code maintainability.
- Encapsulated Gaode Map API functionality components to improve user experience.
- Developed components such as article lists, modal pop-ups, questionnaires, and product lists.

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 that encompasses personnel management, team supervision, vehicle management, leave management, vehicle usage management, physical assessment management, equipment management, financial management, and material management for the Shanghai Fire Brigade. This system enhances the management efficiency of the fire service through streamlined processes, ensuring seamless integration between modules and improving overall operational convenience and accuracy.

Responsible for the reconstruction and integration of the mini-program project and H5 development.

- Constructed a mini-program development scaffolding to ensure an efficient and orderly development process.
- Resolved packaging configuration and style error issues to ensure smooth project progression.
- Encapsulated reusable components, reducing duplicate code and increasing development efficiency by 30%

Fire Equipment Management System Platform (PC)

React React-Router Antd Echarts Webpack Axios

2023.9 -2023.12

Project Description: The Fire Equipment Management System aims to improve the efficiency of fire equipment management by providing a comprehensive solution for the overall management, monitoring, and deployment of fire equipment. The system records and tracks information on various types of fire equipment (such as fire vehicles, firefighting equipment, and protective gear), allowing users to efficiently manage the procurement, maintenance, major repairs, and disposal of equipment. It enables real-time monitoring of equipment status, maintenance reminders, and the generation of relevant reports, ensuring that fire equipment is in optimal working condition and providing reliable support for firefighting operations.

Responsible for PC development.

- Designed core functional modules, improving fire equipment management efficiency by 20%.

- Gathered requirements to ensure system functionality met user expectations, resulting in a 15% increase in user satisfaction.
- Encapsulated reusable components based on business needs, enhancing development efficiency and code maintainability.
- Participated in system testing and deployment, continuously optimizing functionality based on user feedback.

Chemical Enterprise Safety Production Information Management Platform (PC)

React Antd Dva Axios Qiankun ECharts

2022.06 - 2023.05

Project Description: The Chemical Enterprise Safety Production Information Management Platform leverages Internet and industrial technology to provide a web client and mobile app, enabling data access and control anytime and anywhere. It allows for quick understanding of the operational status of process flows, logs, and alarm information. The platform establishes a comprehensive mechanism for identifying and managing major hazards, effectively controlling the sources of significant accidents, and ensuring the stability of safety management in chemical enterprises.

Participated in PC development, responsible for customized version refactoring.

- Contributed to the project dashboard page, utilizing ECharts for data visualization, enhancing visual effects.
- Led the 2.0 platform refactoring, resulting in a 30% performance improvement.
- Collaborated with the team to develop a component library, ensuring code reusability and consistency.

Skills

Web Fundamentals : Proficient in HTML5/CSS3, responsive design, and uni-app (mini-program) development.

Frontend Frameworks : Experienced in Vue2/3 and React (Next.js), with knowledge of related technology stacks

Backend Knowledge : Familiar with Java/.Net/NestJs for small project setups.

Databases : Proficient in MySQL and SQL Server.

Tools : Skilled in using Git for version control, with a basic understanding of Linux.