Wu Rui - Front-end Engineer

简体中文 | English

Please note that English is not my native language and it is possible that my expressions may cause some misunderstanding.

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Introduction

I graduated from Sun Yat-sen University with a Bachelor's degree in Software Engineering in June 2019. I am self-driven and started to self-learn front-end in 2018.

I am proficient in native JavaScript / TypeScript, Vue, React and other related front-end technologies, and I am able to complete front-end projects independently or collaboratively .

I post technical blogs on my personal website and participate in open source projects on Github to improve my skills. I hope I can become a TypeScript-based 10x full-stack engineer with product sense.

Skills

- Familiar with Git collaboration
- Familiar with HTML、CSS、SASS、TailwindCSS、UnoCSS、JavaScript、TypeScript
- Familiar with Vue, ElementPlus, UniApp, and related for developing web and multi-platform miniprograms
- Familiar with React, Ant Design, Taro, and related for developing web and multi-platform miniprograms
- Familiar with writing simple scripts using Node.js, understand Express, Koa, MongoDB, can develop backend APIs based on existing architecture
- Understand CI/CD, such as GitHub Actions, Azure DevOps Pipelines etc.

Work

Guangdong MillCloud Technology Co., Ltd.

2021-07 - 2023-07, Chancheng, Foshan, Guangdong, China, Front-end Lead, Remote

- Lead the organization of development presets and development standard
- Participate in several education projects, improve the project workflows, collected, analyze and communicate requirements, and lead the design of front-end architecture
- Lead the the promotion and upgrade of old projects (Web, multi-platform miniprograms, Electron desktop applications, etc.) to the Vue3 ecosystem, improving the developer experience and reducing project compile time by 20% on average
- Reduced build size by 38% on average by chunk splitting, compressing and caching
- Coordinated with backend to reduce cloud server instance outflow traffic by about 19% by adjusting data structure
- Use Vitest to do unit testing of basic methods, with an average coverage of 89% and 10+ samples
- Write simple scripts using Node.js for uploading and deploying to servers, Wecom bot notifications, etc.

- Integrate Azure DevOps Pipelines to save 2 - 5 minutes per project on local builds, deployments, etc.

Globus LTD.

2021-05 - 2021-07, Chancheng, Foshan, Guangdong, China, Full-stack Developer

- Full-stack development of admin web system using MongoDB, Express, React (MERN) to implement the goods inspection process module
- Use ReactQuery for server state management and Recoil for local state management
- Use Attribute Based Access Control (ABAC) to manage admin web system access
- Investigate and design how to migrate existing Express projects to Serverless Framework and AWS

Guangdong MillCloud Technology Co., Ltd.

2019-06 - 2021-04, Panyu, Guangzhou, Guangdong, China, Front-end Developer

- Taking over old projects and dealing with race condition, error reporting, ReactNative compatibility adaptations, etc.
- Customized menu, access to own and three-party payment methods for restaurant project
- Develop BaiduNetdisk-like file library for educational project
- Modify ElementUI breadcrumb and tree components to meet business requirements, online access
- Use Role Based Access Control (RBAC) to manage admin web system access

Open Source

Only some of my open source activities are listed here, check out my GitHub for more.

fabric

This is an out-of-the-box shared specification for different JavaScript / TypeScript projects, including ESLint, Stylelint, Prettier, LintStaged, etc., which directly improves the specification of personal and corporate projects.

vite-plugin-stylelint

Vite Stylelint plugin, like stylelint-webpack-plugin. As of 2023-07-05, there are 14k weekly downloads. Based on experience with this plugin, I submitted a PR to vite-plugin-checker to support running Stylelint.

tailwind-extensions

tailwind-extensions is a library that extends TailwindCSS. It provides more configurable values to reduce the use of inferred values and increase flexibility. In addition, it provides presets for use with AntDesign and ElementPlus, making TailwindCSS easier to integrate with these UI libraries.

element-plus

I submitted a PR for element-plus that optimizes the `FormRules` type. This PR allows `FormRules` to accept generics and improves type safety.

Expectations

- Work-life balance and weekends off every week
- Unified team goals, standardized processes