

JASON LEE

Front End Developer

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SKILLS

Programming Paradigm

- Functional Programming
- Object-Oriented Programming

Programming Languages

- Typescript
- Java
- Rust

Library & Frameworks

- React
- React Native
- Redux / Mobx / Jotai / Rxjs
- Slatejs

Test

- Jest
- Cypress

Nodejs

- Express
- Nest.js

Tools

- Git
- Jenkins

EDUCATION

Bachelor of Computer Science

Zhengzhou Technology and Business University

📅 September 2017 - June 2021

SUMMARY

As a frontend engineer with three years of experience, I deeply understand the pain points in frontend development under Internet of Things (IoT) business scenarios. In my daily work, I am committed to building high-quality software, while also valuing delivery speed and being able to find a balance between the two. As an avid supporter of Test-Driven Development (TDD), I have successfully applied this approach to front-end development and have gained valuable experience in this area. In addition, I place great importance on optimizing the Developer Experience (DX), often taking the lead in improving infrastructures to enhance development efficiency within the team. I am looking forward to contributing my skills to a team that values innovation and quality.

WORK EXPERIENCE

Front End Developer

Gizwits (IoT PaaS platform)

📅 April 2021 - current 📍 GuangZhou, China

- Leveraged the TDD approach to develop device control panels, resulting in significant improvements in software quality and development efficiency.
- Engineered a device management SaaS backend using React and harnessed the power of RxJS to aggregate REST requests, thereby implementing interface monitoring, data adaptation, and data mocking.
- Contributed to the development of a low-code platform, handling the component library and renderer, designing layout algorithms, and resolving device panel compatibility issues across various screen sizes.
- Enhanced the team's internal development experience by creating CLI tools, VSCode snippets, Babel plugins, and more.
- Developed an IoT SDK, encapsulating device registration, scanning, connection, and control interfaces, while also authoring SDK documentation and providing technical support to external developers.
- Played a key role in building a comprehensive monitoring system to track app performance and device onboarding.

Front-end Developer Intern

CloudTropy (A startup working on a notion-like editor)

📅 September 2020 - March 2021 📍 Beijing, China

- Implemented a range of editor-related features using React and Slate, such as text link subnodes, date picker, color picker, and emoji selector, among others.
- Successfully refactored the editor's component library utilizing TypeScript, enhancing code readability and maintainability.
- Ensured code and software quality by diligently writing unit tests and end-to-end tests using Jest and Cypress.

OPEN SOURCE PROJECT

[Chat-GPT bookmarks](#)

A Chrome extension for managing ChatGPT conversations.

📅 2023.04 - current

- Save each conversation as a bookmark.
- Sync conversation content to Notion.