

JASON LEE

Software Engineer

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📍 Auckland, New Zealand

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SKILLS

Programming Languages

- Typescript
- C#
- Python

Library & Frameworks

- React
- React Native
- Redux / Mobx / Jotai / RxJS

Test

- Jest
- Cypress

Back End & DataBase

- NestJS
- .Net Core
- MySQL / MongoDB

Tools

- Docker
- Jenkins

CERTIFICATIONS

- AWS Certified Developer – Associate

EDUCATION

Bachelor of Computer Science
Zhengzhou Technology and Business University

📅 September 2017 - June 2021

SUMMARY

As a software engineer with three years of experience, I deeply understand software development pain points, especially in 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 - October 2023

📍 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.