

Hello, I'm Ian

A Frontend Engineer in Taiwan

About Me

I'm a frontend engineer passionate about creating maintainable, scalable, and user-focused interfaces. Since 2021, I've built production-ready features for admin dashboards, Android TV apps, and visual editing tools. I thrive on solving UI/UX challenges and constantly learning new technologies to enhance user experiences.

Skills

- **Languages & Fundamentals:** HTML5, CSS3, JavaScript (ES6+), TypeScript
- **Frameworks & Libraries:** React, React Router, MobX
- **Styling & UI:** SCSS, Ant Design, Bootstrap
- **Build Tools & Tooling:** Vite, Vitest, Git
- **Localization:** i18n
- **Package Managers:** Npm, Yarn

Currently Learning

- **Tailwind CSS:** Utility-first framework for building responsive UIs faster.
- **Next.js:** Full-stack React framework with SSR and SSG support.
- **BFF (Backend for Frontend):** Designing frontend-optimized API layers.

Work Experience

KAVAVA

A land rental platform in the U.S.

- **Tech Stack:** React, React Router, MobX, Ant Design, Google Maps API
- **Role:** Developed and maintained frontend features for the landowner dashboard
- **Challenges:** Google Maps API integration, UI data synchronization

Conan

Internal admin dashboard for managing high-volume forms

- **Tech Stack:** React, React Router, MobX, Ant Design
- **Role:** Focused on dynamic form rendering and implemented validation logic
- **Challenges:** Managed complex form states efficiently using MobX computed values

Chan Chao International

Exhibition floor plan editor


- **Tech Stack:** React, React Router, MobX, Ant Design, PixiJS
- **Role:** Developed interactive canvas tools for editing booths and layouts
- **Challenges:** Bridged DOM and PixiJS rendering layers, complex state and undo logic

PTS TV App

Android TV app for Public Television Service (PTS)

- **Tech Stack:** Kotlin, Jetpack Compose
- **Role:** Contributed to UI and playback control development throughout the app
- **Challenges:** Learning a new ecosystem (Android/Kotlin/Jetpack Compose)

Career Timeline

-  **2021/11 - Present**
Frontend Engineer at Miracle Mobile

Side Projects

Here are some small projects I built to practice concepts or explore new ideas:

Blacknegative

A jQuery-based recreation of animations inspired by the Blacknegative website.

Pokemon Store

A simple e-commerce site built with Vue 2 and Vuex.

Mask Map

A map app built with Vue 2 and local data to display pharmacies selling masks.

Blogzine

A clone of the Blogzine template built with Bootstrap 5.

TodoMVC React

A TodoMVC implementation using React Hooks, MobX, TypeScript, Vite, and Vitest.