

## Technical Skills

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TypeScript, React, Git, JavaScript, HTML, CSS, Next.js, TanStack Query, RTK Query, Vue.js, Nuxt, Node.js, GSAP, SQL, Claude Code, Agentic Workflows

## Experience

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### Front End Software Engineer - GILOO Group Limited

Remote, Taipei • 09/2021 - Present

- **Product Impact & Performance**

- Optimized Core Web Vitals for a 100K+ MAU streaming platform, reducing load times by 56% with LCP < 2s and CLS = 0.00 on critical pages
- Delivered UI across core user flows — video player, payment & checkout, notes system, and search

- **Architecture & Tech Modernization**

- Led frontend infrastructure modernization (Next.js, TypeScript, TanStack Query) to improve developer experience and UI scalability with shadcn/ui
- Established Cypress E2E testing covering 90+ complex data-driven user scenarios to ensure platform stability and reliability

- **Feature Development**

- Built a content-creator system with streamlined video uploads, modular publishing workflows, and revenue management
- Implemented internationalization capabilities for Taiwan, Hong Kong, and U.S. markets, including multi-language and multi-currency support

- **Team & Leadership**

- Mentored a new engineer and standardized onboarding and code review processes to improve team collaboration
- Built AI-powered features including a task-oriented autofill chatroom and a multi-step subtitle translation pipeline with real-time progress tracking and credits management

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### Frontend Engineer - Polish Design

Remote, Taipei • 02/2020 - 09/2021

- **High-Impact UI & Interactive Experiences**

- Developed browser-based 3D visualizations and mobile AR interactive experiences
- Designed and implemented interactive web animations using GSAP and CSS animations to enhance visual storytelling

- **Web Development**

- Built a Vue-on-Rails hybrid storefront covering product discovery, cart, checkout, and subscription flows, with a centralized cart state kept in sync across discount and shipping calculations

- **Framework & System Contributions**

- Contributed to the restructuring of 40+ pages in a major platform redesign, introducing modern web and UI frameworks to improve scalability

## Education

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National Central University - M.S. Mechanical Engineering

2019

National Central University - B.S. Mechanical Engineering

2016