

HSUAN LIN

Senior Frontend Engineer

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🌐 <https://hsuanlin-portfolio.vercel.app/> 📍 Taipei, Taiwan

SUMMARY

Frontend Engineer with 6+ years of experience and an MFA in Design & Technology from Parsons. Specialized in building modular React component systems and translating complex design requirements into production-ready UI – with hands-on experience in accessible, enterprise-scale platforms. Integrates AI development tools (Claude Code, Cursor) into daily engineering workflow.

EXPERIENCE | TRADE-VAN

Senior Frontend Engineer 03/2023 - Present

- Served as frontend lead on a 5-person team building the TaipeiPASS digital platform for Taipei City Government, owning the UI implementation and enforcing WCAG 2.1 AA accessibility standards across the frontend layer.
- Extended and maintained a shared React component library – adopted across the National Park Service portal and 2+ additional government platforms – standardizing UI patterns to reduce redundant implementation and maintain visual consistency at scale.
- Designed and built the full visual layer of the Indigenous Carbon Sink ESG platform as a sole contributor – implementing a custom SCSS architecture with a defined color system and responsive layout, translating stakeholder requirements directly into production code without a separate design phase.
- Implemented a multi-step Wizard workflow and landing page for EZSIGN's B2B onboarding using Bootstrap, simplifying a complex legal signing process into a guided, high-contrast UI flow.

Frontend Engineer 03/2021 - 03/2023

- Refactored the ECAR cross-agency vehicle platform and NSRRC research portal from legacy markup to a structured SCSS + ES6+ architecture, including complex multi-step forms with dynamic field logic and data-heavy admin interfaces.
- Established a unified visual style guide and component conventions for both platforms, working directly with internal users to align the UI with existing government workflows.

Full Stack Developer 03/2020 - 03/2021

- Built the APEWS portal – a centralized entry point providing unified access and consistent UI across 10+ independent IoT surveillance subsystems, with shared visual styles and cross-system SSO navigation.
- Built a real-time visualization dashboard integrating Google Maps API and Chart.js to display live container tracking states across 10+ interconnected subsystems, designed under a zero-scroll high-density layout constraint.
- Developed the data layer using Java Spring MVC and SQL to support high-concurrency container tracking, ensuring consistent state between backend and the frontend visualization layer.

EDUCATION

Master of Fine Arts (MFA) in Design and Technology 08/2016 - 06/2018
[Parsons School of Design - The New School](#) New York, United States

Bachelor of Science in Computer Science 09/2010 - 06/2014
[National Taipei University](#) Taipei, Taiwan

Exchange Program in Computer Science 09/2012 - 06/2013
[EFREI – Engineering School of Digital Technologies](#) Paris, France



SKILLS

- Core Tech
- JavaScript (ES6+) • React • Semantic HTML5 • SASS • CSS Architecture
- Design
- Design Systems • UI/UX Design • Pixel-perfect UI • Figma • A11y (WCAG 2.1 AA)
- Engineering & Tooling
- TypeScript • NPM • Git • Tailwind CSS • Webpack • Vite
- AI Development Tools
- Claude Code • Cursor

CERTIFICATIONS

Meta Front-End Developer Professional Certificate
Meta (via Coursera) | Issued 2026

LANGUAGES

Chinese: Native

English: Fluent / Professional Working Proficiency

AWARDS

- Scholarship for Studying Abroad for Excellent Students
Ministry of Education, Taiwan | 2017
Awarded a prestigious national scholarship (top-tier selection) to support advanced Master's studies in Design and Technology at **Parsons School of Design**, New York.
- Scholarship for Excellent Students to Study Overseas
Ministry of Education, Taiwan | 2012
Recognized as an outstanding Computer Science student to participate in an international engineering exchange program at **EFREI**, Paris, France.