

Watson Chen

Senior Frontend Engineer · React / Next.js · Scalable Component Architecture · Cross-functional Collaboration
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SUMMARY

Frontend engineer with 10+ years of experience (including a hardware R&D background), focused on frontend development for the past 6 years. Skilled at building reusable UI component libraries and maintaining consistency and scalability across products, with extensive experience collaborating closely with UI/UX designers and backend engineers. Led a 3-person frontend team to launch a brand-new product at Amber Net, then joined Okmaster as the company's sole frontend engineer, building the entire frontend architecture and engineering standards from scratch; later led a small team and owned code review. Currently building two independent SaaS products (Pear Quote, MonMate) in parallel, both with full CI/CD pipelines via GitHub Actions and Vercel.

SKILLS

Frontend	React (primary), Next.js, Vue 3, Angular · Redux Toolkit, React Query, Vite, Webpack, TailwindCSS, Styled-components, Bootstrap, RWD
CI/CD & Tooling	GitHub Actions, Vercel, Git / Git Flow, ESLint, Swagger, Cursor, VS Code
API Integrations	RESTful API, LINE LIFF / Messaging API, Google Maps API, Google Analytics, Gemini AI, Third-party Payments
Backend / Full Stack	Node.js, Express, Prisma, NestJS (worked with), MySQL

EXPERIENCE

Frontend Lead Engineer	Dec 2020 — Present
Okmaster · Taipei · ~20-person startup Joined as the company's sole frontend engineer; built the frontend tech stack and engineering standards from scratch. Later led a small frontend team, owning tech decisions, code review, and mentoring.	
- Built and maintained a reusable UI component library to ensure consistency and scalability across products — established ESLint config, component design principles, and Git Flow - Led the tech stack migration from Vue to React after evaluating ecosystem compatibility, unifying architecture across all projects - Collaborated closely with UI/UX designers to translate design concepts into high-quality, responsive user interfaces - Partnered with backend engineers on technical architecture to ensure smooth frontend-backend integration and maintainability - Independently built the WinWin Credit SaaS dashboard, supporting 40+ users (legal, sales, finance) — platform generates NT\$30M in annual revenue; self-directed the UX architecture with no client design input, with the core technical challenge being a complex RBAC permission system - Developed the Chiayi Lantern Festival LINE LIFF (2026) — handled complex UI state logic for concurrent permanent and event-specific activity displays - Continuously optimized performance and RWD across multiple SaaS products for cross-device compatibility - Built back-office SaaS systems: Eternal Energy CMS, GMOS, Chiayi Culture & Tourism Bureau CRM - Frontend development for iGaming products (Vue, Angular), collaborating with UI designers on pixel-perfect implementation - Handled urgent requirements with rapid Express / MySQL development; version control with Git; mentored junior engineers	
Frontend Lead Engineer	Apr 2020 — Dec 2020 (9 mos)
Amber Net · Taipei	
- Led a team of 3 frontend engineers to build a brand-new product from scratch - Owned the frontend architecture using Angular, working with a Next.js backend - Delivered the product from development through to production launch	
Principal Hardware R&D Engineer	Oct 2013 — Apr 2020 (6 yrs 7 mos)
TPV Technology · New Taipei · 500+ employees	
- Led hardware R&D for Sony, Panasonic, Toshiba, and Samsung consumer electronics — primary technical liaison for Japan and Korea clients - Also participated in frontend software development alongside hardware work; coordinated cross-functional teams to ensure on-time delivery	

INDEPENDENT PROJECTS

MonMate — Event Registration & Check-in SaaS	monmate.tw	2026 — present
<i>Next.js · Node.js · GitHub Actions · Vercel CI/CD</i> Full-stack SaaS built for event organizers. Features: QR / serial / phone check-in, registration management, real-time analytics dashboard, post-event surveys, role-based access (Owner / Admin / Staff). Deployed via GitHub Actions + Vercel CI/CD, with active paying customers including school legal entities.		
Pear Quote — AI Quoting SaaS	pearquote.com	2025 — present
<i>Next.js · Node.js · Express · Prisma · Gemini AI</i> Full-stack SaaS built independently for freelance developers. Integrates Google Gemini AI to analyze project requirements and auto-generate structured quotes, with third-party payment and subscription billing.		
Skyline Film — Open-Air Cinema Platform	skyline.film	2024 — present
<i>React · Node.js · Google Maps API · RWD</i> UI design and frontend development for an active ticketing platform with NT\$15M annual revenue. Features: session management, ticketing flow, real-time calendar, Google Maps integration.		

EDUCATION

National Taiwan University of Science and Technology	2011 — 2013
M.S., Electro-Optical Engineering	

OTHER

- Technical Writing:** [watson77.medium.com](#) — React 18 Suspense and modern frontend topics
- Availability:** Open to full-time roles · Available within 1 month of offer
- Languages:** Mandarin (native), English (professional working proficiency)