

Kang Hao

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SUMMARY

Staff-level Front-End Engineer with 7+ years of experience building pixel-perfect, high-performance UIs in **React** and **Next.js**. Proficient in modern JavaScript/TypeScript, CSS-in-JS, Flexbox/Grid, lazy loading, and Git-driven workflows. I translate complex designs into cross-browser experiences while championing code quality, accessibility, and continuous learning—especially in performance optimization and emerging web platforms.

EXPERIENCE

Frontier.cool

Front-End Lead

Taipei, Taiwan

Mar. 2024 – Present

- Led a team of three engineers to refactor and scale the product using React 18 and Next.js, driving a 300% revenue increase within 12 months.
- Designed and delivered an MVP in 12 weeks—with RBAC, global search, and organization management behind feature flags—securing the first paying customers and enabling future scale.
- Instituted two-week Sprints, daily stand-ups, and Jira burn-down tracking, cutting average delivery cycles from four to two weeks and markedly improving client satisfaction.
- Automated the release pipeline with GitLab CI/CD, containerized builds, and rollback procedures, reducing deployment time by 30% and achieving a 99% success rate.
- Consolidated 30k+ lines into an Nx monorepo with unified linting and tests, trimming maintenance and development effort by 30% and slashing onboarding time to under a week.
- Established 80% Cypress E2E coverage and integrated next/image optimization, lowering regression defects by 60% and boosting Core Web Vitals scores.

Glint Eagle Co. Ltd.

Front-End Lead

Taipei, Taiwan

Apr. 2021 – Dec. 2023

- Optimized lottery-game bundles and REST calls built with Next.js and React Context, cutting page load times by 30%.
- Built a real-time customer-service portal with TypeScript, React 17, and WebSockets, boosting agent response speed.
- Reduced JavaScript bundles by 20% through dynamic imports, code-splitting, and compression.
- Launched a new customer-service platform on TypeScript, Vite, and React, accelerating feature delivery by 25%.
- Unified UI with Tailwind CSS and secured WebSocket traffic via end-to-end encryption for consistent, private interactions.
- Mentored developers and instituted Jira-based code reviews, lifting team productivity 15% and shortening project timelines 40%.

UNNO Technology

Senior Front-End Engineer

Taipei, Taiwan

Apr. 2020 – Apr. 2021

- Migrated legacy Vue codebase to React Hooks architecture, boosting system performance by 30%.
- Implemented RxJS observables for real-time chat; increased data flow efficiency by 25%.
- Integrated Sentry for real-time error monitoring, reducing client-side incidents by 40%.

Aotter Inc.

Front-End Engineer

Taipei, Taiwan

May 2018 – Apr. 2020

- Developed core products using React, Next.js, and Gatsby, delivering SEO-friendly, high-traffic pages.
- Created an image crawler with SmartcropJS and OpenCV achieving 90% precision in automatic cropping.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Node.js, Python, Go

Frameworks: React, Next.js, Vue.js, Express

Developer Tools: Git, Docker, Webpack, Vite, Tailwind CSS, GitLab CI/CD, Cypress, Sentry, Jira