

Liko Chien

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Experience

Califomia Umbrella | Remote

Senior Frontend Developer | 02/2024 - Present

- Optimized CI/CD pipeline with quality gates and linters, improving team efficiency
- Reduced bundle size 30% via code splitting and asset optimization
- Enhanced application speed by identifying performance bottlenecks with analysis tools
- Refactored Next.js B2B CMS codebase, improving project maintainability
- Used Sentry for error tracking, Istanbul for coverage, enhancing reliability and test quality
- Streamlined API development using Swagger code generators for faster iterations
- Created comprehensive documentation, facilitating effective cross-team collaboration
- Implemented hybrid rendering, boosting responsiveness and syncing client-server states with SSR and CSR
- Integrated mock server CLI, enabling frontend-backend separation and accelerating parallel development workflows
- Used Playwright for E2E testing, enhancing cross-browser compatibility and reducing QA time 30%

Optoma | Hybrid

Senior Frontend Developer | 05/2023 - 02/2024

- Migrated Javascript to Typescript, using Zod schemas to decrease type-related bugs 75%
- Decreased API errors 60% through runtime validation and parsing
- Developed Next.js CMS and OAM projects with internationalization features
- Integrated Stripe payment gateway for secure checkout and subscription management
- Optimized API performance via caching and request optimization, reducing load and improving response
- Implemented accessibility enhancements for user-friendly interface across diverse markets
- Implemented comprehensive unit tests using Jest framework
- Reconstructed disorganized styling using Tailwind CSS, accelerating UI development and reducing CSS 40%
- Developed E2E tests with Cypress, ensuring robust application behavior

Chia Sheng Land Registration Office | Taiwan

Frontend Developer | 01/2021 - 05/2023

- Conducted Scrum and code reviews, improving collaboration and project management
- Improved data handling with React Hook Form, dynamic loading, and pagination
- Collaborated with designers to build responsive platform using Figma and React Bootstrap
- Implemented React-Redux for state management, optimizing data flow and component reusability
- Implemented Styled Components for complex, dynamic styles, enhancing reusability and maintainability
- Used PurgeCSS to eliminate unused styles, reducing CSS bundle size by 40% and improving load times
- Enhanced scalability with AWS Amplify for robust cloud-based infrastructure
- Integrated OAuth2, JWT, and WebSocket, boosting security and user engagement

Skills

JavaScript, TypeScript, React.js, Next.js, Node.js, Redux, React Query, Zustand, React Form Hook, Zod, Tailwind, Styled Components, MUI, Mantine, RWD, Webpack, Babel, ESLint, AWS, GitHub Actions, Bitbucket CI, Jest, Cypress, Playwright

Education

Taiwan National University of Arts | Taiwan

Master Degree – Music Composition | 07/2018