Dandelion Huang

✉ **Email:** contact@dande.dev

☎ **Phone:** (+886) 919-155-936

in **LinkedIn:** dandelion-huang

○ **GitHub:** dandedotdev

SKILLS

TypeScript, React, Redux, Next.js, Svelte, Node.js, HTML, SCSS, Tailwind CSS, Storybook, shadcn/ui, Three.js, Vite, Vitest, Playwright, Rust, Yew, Leptos, PostgreSQL, ClickHouse, Docker, NixOS

EXPERIENCE

Rust Frontend Engineer   Oct. 2024 - Present

Fortune Electric   Taipei, Taiwan

- Collaborated with international team members to develop a BMS (Battery Management System) frontend application using Rust compiled to WebAssembly.
- Redesigned the frontend component library, enhancing performance and user experience. Reduced build time and dependency count by 20%, and improved incremental build time by 50 - 70%.
- Built a brand new design system, following Figma guidelines to ensure extensibility.
- Streamlined NixOS configuration and CI/CD environment to accelerate development.

Senior Engineer   Feb. 2023 - Sep. 2024

HTC VIVE   New Taipei, Taiwan

- Redesigned and optimized the localization process to reduce complexity and improve efficiency.
- Spearheaded AI tool integration for company-wide hackathon.
- Consolidated Google Analytics event labels, standardized file naming conventions, and established specifications for Google Rich Results and Open Graph across LinkedIn, Facebook, and Twitter.
- Achieved component renovation with minimal changes and reduced developing time by 40%.
- Enforced ESLint rules to solve 200+ linting errors in existing projects and transitioned them to TypeScript to eliminate dependencies on prop-types and enhance code quality.
- Promoted more design patterns based on the existing Module Pattern.

Contractor   Oct. 2022 - Jan. 2023

HTC VIVE   New Taipei, Taiwan

- Engineered and maintained product detail pages across 15 regions using HTML, SCSS, and Vanilla JavaScript, with custom layouts for 4 regions to ensure consistent UX and brand integrity.
- Developed internal web proposal prototypes using Three.js, optimizing rendering performance with models containing 300k+ faces to achieve seamless 60 fps playback.
- Refactored styles with ITCSS, simplifying component design and reducing bundle size by 30%.

EDUCATION

B.E., Chemical Engineering   Sep. 2011 - Jan. 2016

National Taiwan University   Taipei, Taiwan

MISCELLANEOUS

- Languages: English - fluent, Chinese - native, Taiwanese - native.
- Member of `nixpkgs`, contributing to `icondata`, `leptos-icons`,`nixpkgs`, `strum`, `tailwind-nextjs-starter-blog`, and other projects.