

David Hsiao

Frontend Software Engineer

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Authorized to work in the U.S. without current or future sponsorship

Software engineer with React and TypeScript experience at Barracuda and Adobe via TEKsystems, plus internal-tool development at Supermicro. Builds user interfaces, integrates APIs, and works with product, design, backend, and QA teammates. Recent work includes client web development and independent consumer products.

Technical Skills

React, Next.js, TypeScript, JavaScript, HTML/CSS, REST APIs, Jest, React Testing Library, Git, Postman, Sanity CMS, Vercel; working experience with Python, shell scripts, and Azure release workflows.

Experience

Freelance and Independent Development | Product Engineer

Dec 2024 - Present

- Develop client and independent products using AI-assisted implementation, product testing, and release workflows. Built a Next.js/Sanity CMS platform for an interior-design client, including authentication and editable content.
- Build and operate D8ly, a live bilingual Next.js application with authentication, database persistence, AI-provider integrations, and PostHog events for investigating the visitor journey.
- Released OutfitSignal on the App Store with AI outfit feedback and photo workflows; develop AfterPlay sports-video sharing and SetReplay workout tracking through TestFlight iterations.

Barracuda Networks | Software Engineer

Aug 2022 - Sep 2024

- Developed frontend features for the redesigned Cloud-to-Cloud Backup product using Next.js, React, and TypeScript.
- Integrated REST APIs for authentication and data workflows, coordinating with backend engineers on API contracts and loading/error states.
- Built shared navigation published through bit.dev and used across two generations of the product.
- Partnered with QA on Jest and React Testing Library tests; participated in monthly production on-call, release-blocker triage, PR reviews, and Azure release workflows.

Adobe via TEKsystems | Software Engineer, Contract

Aug 2021 - Apr 2022

- Contributed to migrating an internal portal from AngularJS to React using Adobe Spectrum components and patterns.
- Built reusable carousel, card, and infinite-scroll components for an internal component library.

Super Micro Computer | Product Engineer

Apr 2018 - May 2021

- Modernized a legacy CherryPy web form with React, including tables, buttons, and modals for internal workflows.
- Developed Python and shell scripts for firmware verification and API-based updates, replacing manual per-system procedures.

Training

Hack Reactor | Software Engineering Immersive | 2017