

Mike Ploythai

Software Engineer

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Education

California State University, Fullerton

Bachelor of Science — Computer Science

August 2019 to May 2023

Experience

Full-Stack Developer

February 2023 to Present

Socials by Shelly

- Spearheaded the migration of the agency's website from a no-code platform to a personalized website built using Next.js 14, TypeScript, Tailwind CSS, and Sanity CMS which enhanced the user experience, accessibility, and SEO performance, and averages near 200 monthly visitors since June 2023.
- Implemented a headless content management system, enabling Shelly to dynamically customize and add content via an embedded studio UI. Utilized webhooks and Next.js' tag-based revalidation for seamless UI updates.
- Developed a comprehensive design system ensuring consistent branding across various platforms, including social media and web.

Lead UI/UX Designer & Front-End Developer

June 2021 to May 2022

ACM at CSUF

- Contributed to a significant codebase refactoring effort for the organization's website, migrating from Sapper.js to SvelteKit, improving code readability and component modularity, and reduced onboarding time for future contributors by 50%.
- Enhanced the organization's design system by refining type hierarchy guidelines, designing new reusable components, and adjusting overall theming for seamless integration across digital marketing and web contexts.
- Collaborated and produced 10+ Figma, HTML/CSS, and React workshops with 3+ software developers and designers, resulting in increased member engagement for web development and UI/UX design events by over 80%.

Front-End Developer

June 2021 to February 2022

TuffyHacks

- Developed a mobile-first marketing website using Next.js 12, reaching over 700+ developers globally and converting 40% of visitors into hackathon registrations.
- Implemented a participant-facing dashboard with Supabase as the authentication and Postgres database provider, enabling developers to edit profiles, create/join teams, and access hackathon itinerary and sponsor workshop information via the Google Calendar API.
- Collaborated closely with the design and marketing teams, providing feedback on proposed layouts, feature specifications, and design system changes.

Projects

Socials by Shelly Website

February 2023 to Present

Developed using create-t3-app (Next.js 14, TypeScript, Tailwind CSS), shadcn/ui, Sanity.io, and Resend. Showcases best practices for React Server Components within a multi-page application, creating consistent design systems using shadcn/ui and Tailwind, and seamless integration of a headless CMS using the new /app directory.

Unnamed Client-Side Encryption Web App

December 2023 to Present

Web app built with Next.js 14 and Supabase which implements ente.io's security architecture using the Web Crypto API. Users can create accounts, perform CRUD operations, store client-side encrypted data within Supabase, and secure decrypt the data on other devices.

FridgeList (Currently Private Repository)

December 2023 to Present

Fridge inventory web app built with Next.js 14, TypeScript, Tailwind CSS, and Supabase. Demonstrates best practices for creating full-stack applications focused on typesafety and scalability. Created as an example for an upcoming Next.js introduction course hosted on my YouTube channel.

Skills

Languages TypeScript/JavaScript, HTML, CSS, SQL, C++, Kotlin

Technologies Next.js, React.js, Svelte, Tailwind CSS, SASS, shadcn/ui, Radix UI, Chakra UI, Supabase, Firebase, PlanetScale, Prisma, Drizzle ORM, Sanity CMS, Jotai, Zustand, Vercel, Git, Figma