

Alissa Nguyen

Front-end Engineer - Seattle, Washington

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EXPERIENCE

Open Source Seattle, Washington

Front-end Engineer August 2020 - Present

Created alissanguyen.dev, a development portfolio and technical blog with ~6,000 unique monthly active readers. Built with React, TypeScript, Remix and uses Contentful as a headless CMS. Supports theme switching between light-mode and dark-mode using session cookies and Tailwind CSS. Received a 100 score on Google Chrome Lighthouse's "Best Practices", "Accessibility" and "SEO" categories and >90 for "Performance". Incorporates continuous deployment via Vercel and is hosted behind Cloudflare for delivery at the edge and DDoS protection.

Designed and implemented a Shopify e-commerce website for Pine Plus Apple LLC (pineplusapple.com) utilizing Shopify templates and customization tools. Created a visually appealing and user-friendly website that accurately represents the brand and showcases products effectively. Handled 200-300 monthly order trackings and transactions. Monitored the website's performance and implemented optimizations to improve 5% page load times and overall website speed.

Created the npm library use-typewriter-hook using modern JavaScript and React hooks. Main- tained the library across 3 major releases, in addition to creating a dedicated documentation website at usetyewriter.com.

Created a variety of frontend projects to showcase advanced animation techniques, server-side rendering (SSR), and experimental UX patterns. Contributor to several open-source repositories on GitHub including Prisma (a GraphQL ORM) and Apple's password manager repo.

PUBLISHED SOFTWARE & WRITING

Portfolio & Blog

TypeScript, React, Remix, Tailwind CSS, Headless CMS

www.alissanguyen.dev

Personal website hosting technical writing. Published articles on continuous integration, contributing to open source, and React fundamentals. Authored a widely circulated article on creating a performant scroll indicator in React and Typescript. Wrote a 1,500 word article on contributing to open source as a beginner that has received >10,000 impressions.

use-typewriter-hook

React, TypeScript, NPM

<https://github.com/alissanguyen/use-typewriter-hook>

Fast, minimal, and customizable React hook to allow developers to easily add a "typewriter-like" animation to their app. Supports customization, while having useful defaults, of typing speed, delay, and a blinking cursor. Works for both client-side rendered and server-side-rendered React apps by supporting ESM and CommonJS via JS environment detection. Receives 40-100 downloads a week.

Community Manager

Front-end Vietnam Community facebook.com/group/id

Administrator for a community of ~95,000 developers, primarily from Vietnam. Curated and promoted over 200 articles and resources about frontend engineering, React, computer science, and JavaScript. Performed community outreach to other Vietnam-based programming communities. Worked with 6 other admins to promote traffic and manage contents within the community.

EDUCATION

Rhodes College Memphis, Tennessee

Computer Science August 2018 - December 2022