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Alissa Nguyen

Front-end Engineer - Seattle, Washington

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SUMMARY

Highly motivated front-end engineer with a passion for creating high-quality and user-friendly websites, makes peoples' lives easier by writing elegant, performant, and maintainable frontend code. Skilled in React, TypeScript, and Shopify, with experience in building performant, accessible, and SEO-friendly websites. Published writer and contributor to open-source projects.

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. Continuously monitored website performance and implemented optimizations to improve 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 usetypewriter.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   *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.

Pine Plus Apple LLC - Local Plant Store

Shopify, Plugins, Stripe   *pineplusapple.com*

Modernistic and elegant e-commerce website for a local plant business that handles 200-300 orders monthly. Built with Shopify and utilized Shopify templates and plugins to create a website that not only looks great, but is also easy for users to navigate. Developed custom plugins to enhance the website's functionality, such as chat bot to handle order tracking, FAQ, and SMS marketing system. Implementing payments with Stripe to handle 200-300 monthly transactions. Utilized custom Shopify plugins to improve website functionality, such as adding a chatbot for order tracking and frequently asked questions, SMS Messaging system for advertising and marketing campaigns. Implemented feedback to improve usability. Monitored the website's performance and implemented optimizations to improve 5% page load times and overall website speed.

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.

SKILLS

○ Proficient in HTML, CSS, and modern front-end technologies like React, Shopify, and Remix.

○ Writing easily understood, modular, fast, and type-safe code with TypeScript and modern JavaScript syntax and publishing packages to NPM.

○ Develop responsive and performant web pages with React or Remix, with SSR for a better user experience.

○ Deployment to platforms such as Vercel, Netlify, and Cloudflare to leverage caching and firewalls at the edge.

○ Creating JAM Stack frontend applications that integrate with modern headless content management systems (CMS) like Contentful and payment APIs like Stripe

○ Data management with Firestore, Prisma, or Supabase. Use of classic web security principles and user authorization/authentication with Firebase Auth and automated emails with Sendgrid.

○ Modern UI libraries like TailwindCSS, Headless UI, Framer Motion, etc. to create beautiful, responsive, and accessible web apps quickly.

EDUCATION

Rhodes College   **Memphis, Tennessee**

Computer Science   *August 2018 - December 2022*