Alissa Nguyen

Software Engineer - Seattle, Washington

Github: alissanguyen   www.alissanguyen.com   LinkedIn: alissanguyen-com/   im.alissanguyen@gmail.com

EXPERIENCE

Open Source Seattle, Washington   *Front-end Engineer August 2021 - Present*

Developed alissanguyen.com, a development portfolio and technical blog with ~6,000 monthly readers. Built with React, TypeScript, NextJS and uses Contentful as a headless CMS. Supports light/dark mode theme switching using session cookies. Received a 100 score on Chrome Lighthouse's **SEO** and a 98 score for **Performance**. Incorporates continuous deployment via Vercel and is hosted behind Cloudflare for delivery at the edge and DDoS protection.

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

Developed a full-stack AI-powered video content generator using React/Next.js and Node.js/Cloudflare Workers. Integrated AI video generation APIs to create short videos from user prompts. Implemented user authentication with Clerk, rate limiting with Upstash Redis, and data management with Drizzle ORM. Deployed the application on Vercel, enabling users to generate, preview, save, and download personalized videos.

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

PUBLISHED SOFTWARE & WRITING

Portfolio & Blog

TypeScript, React, Remix, Tailwind CSS, Headless CMS   *www.alissanguyen.com*

Personal website hosting technical writing. Published articles on continuous integration, contributing to open source, and React fundamentals. Authored widely-circulated articles on React, TypeScript, open source, and CI/CD. Achieved >10,000 impressions on a 1,500-word beginner's guide to open source contributions.

use-typewriter-hook

React, TypeScript, NPM   *https://usetypewriter.com*

Fast, minimal React hook for adding typewriter-like animations to apps. 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.

Community Manager

Front-end Vietnam Community (~95,000 developers)

Curated and promoted 200+ articles on frontend engineering, React, computer science, and JavaScript. Conducted community outreach and managed content with 6 other admins.

EDUCATION

Rhodes College Memphis - Computer Science, Business Administrator Minor
Western Governor University - Computer Science, Graduating 2026