

Nancy Kim

Senior Software Engineer specializing in frontend architecture, scalable web applications, and product engineering

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Experience

Senior Software Engineer at Morty | Los Angeles, CA (Remote)

Sept 2021 - Aug 2026

Senior Software Engineer - Dec 2023 - Aug 2026

Software Engineer Apr 2021 - Dec 2023

- Served as the only frontend engineer for the majority of my tenure, independently driving architecture and technical decisions across Elroy (B2C mortgage marketplace) and Hemlock (a B2B2C SaaS platform for loan officers), working directly with product, design, and backend engineering
- Collaborated with backend engineers on GraphQL schema design before implementation began on nearly every feature, negotiating contract shape, validation ownership, and edge cases together rather than working off a finished spec. Helped build the role-scoped schema and TypeScript codegen pipeline used across every app.
- Led a ~**20,000**-line Apollo Client to React Query migration rewrite that powered our custom GQL form framework, improving load times and retiring three legacy dependencies at once.
- Built and scaled Hemlock (Next.js + Vercel), a new B2B2C SaaS platform that grew Morty's revenue during a high-interest-rate market downturn, contributing to a **10x increase** in monthly revenue and adoption growth from **50 to 200+ loan officers**.
- Built reusable UI components (Tailwind CSS, Radix UI, React Hook Form) and the shared design system library across a Vercel monorepo, used by every data-entry surface in the platform.
- Diagnosed and fixed Next.js build out-of-memory failures, enabled webpack build-memory optimizations, and profiled bundles to reduce heap usage by **94%**, garbage-collection time by **97%**, and build duration by **33%**.
- Designed and built a shared navigation and auth package consumed by both the main Next.js app and separately hosted tools outside the monorepo, solving cross-origin session sharing and CSS isolation between the two.
- Onboarded and worked alongside an engineer who joined through an acquisition, establishing the working process and task delegation for our two-person team after my manager stepped back from day-to-day involvement.
- Built the platform's Playwright end-to-end test suite from scratch, roughly **17** journeys and visual-regression specs wired into CI.

Frontend Engineer at Apponboard | Santa Monica, CA Jul 2018 - Sept 2021

- Built UI/UX features for an Electron-based native app co-marketed by Google, enabling teams to create interactive mobile ads.

Skills

Programming languages

JavaScript, TypeScript,
HTML, CSS, SASS

Libraries & Frameworks

React, Next.js, GraphQL,
TanStack React Query,
React Hook Form, Tailwind
CSS, Radix UI, Vite,
NextAuth, Jest, React
Testing Library, Redux

Tools & Platforms

Git, GitHub, GitHub Actions,
CircleCI, GitHub Packages,
Vercel, Docker, pnpm,
Turborepo, GraphQL
Codegen, Sentry, Figma,
Jira, AWS (S3, Amplify,
Cognito, Lambda),
Playwright

AI tools

Claude Code, Cursor,
Codex, Copilot

Workflow

Slack, Jira, Atlassian,
Monday, Trello, Agile

Education

University of California,
Santa Barbara
2009-2013
B.A. in Global Studies,
Minor in Japanese

- Led OAuth integration using AWS Amplify and Cognito, driving a 30% increase in user sign-ups
- Designed and maintained UI for user account management systems, including subscription and sales flows
- Deployed highly available applications to production using AWS (Amplify, Lambda, S3).

UI Engineer at Agora | Los Angeles, CA May 2017 - Mar 2018

- Engineered and improved major features of a React Native app using Redux, Webpack, Babel, ES6
- Developed and styled interactive mobile user interface features for a merit-based social application

Web Developer at The Gray Pencil | Santa Monica, CA Feb 2015 - Jan 2017

- Developed websites using WordPress for clients in the beauty, financial, and tech industries. Designed and developed fluid, responsive, e-commerce-focused Shopify websites via HTML, CSS, Liquid.

Creative Technologist at Science Growth Labs LLC | Santa Monica, CA

Jun 2013 - Dec 2014

- Collaborated with designers and a team of developers to transform creative concepts into landing pages and admin views for e-commerce clients and stakeholders.
- Conducted layout design and construction for a variety of websites as assigned, mainly using HTML, CSS, JavaScript, and jQuery