

Kyle Holmberg

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Front-end web dev with 7 years of experience collaborating with others to craft WCAG-compliant applications with complex animations. Well-versed with optimizing application performance, improving developer experience, and successfully launching ideas with loose requirements.

Skills

JavaScript, TypeScript, HTML, CSS, React, Next, Tailwind, CSS-in-JS, Framer Motion, SQL, Redux, Apollo, SWR, react-query, Cypress, Playwright, Jest, Storybook, Lerna, Turbopack, Webpack, Rollup, Node, Docker

Experience

Lead Front-End @ Capsule Aug 2021 – Feb 2023 + July 2023 - Current

- Restructured capsule.com as Next.js application, reducing deployment times by 85% (20m to 3m). Migration also reduced bundle size and render-blocking scripts, improving web vital scores by 30% - 50% on every page.
- Led consumer-facing web applications and internal design system team (where we created this [design system component library](#)).
- Optimized CodeFresh CI configuration reducing CI time from 15m avg to 7m avg.

Lead Front-End @ Prophet Town Feb 2023 – July 2023

- Led UI feature work at a digital agency for multiple applications with multiple clients.

Senior Software Engineer @ Air Jun 2020 – July 2021

- Improved application build-time by ~70% from 13 minutes to 3 minutes.
- Created [open source monorepo](#) for reusable component library, utility functions, and configurations.
- Converted hybrid CRA-Gatsby application into Next.js project and [spoke about it at Next.js Conf 2020](#).

Senior Software Engineer @ Acorns Jul 2019 – Jun 2020

- Shipped a redesigned and refactored Found Money Chrome Extension.
- Helped reduce load time of the "Found Money" page from an average of 9.5 seconds to 4 seconds.
- Automated releases for libraries, saving developers from 10 hours of monthly, manual work.
- Created design-to-dev funnel for icons, drag-and-drop conversion for SVGs to React, PNGs, and PDFs for all clients (native mobile and web).

Senior Front-End Engineer @ Nike [Contract] Mar 2019 – Jul 2019

- Removed Redux Thunks in favor of a cache-aware data fetching abstraction on nike.com/orders leading to dozens of fewer re-renders (lower CPU impact) and reducing time-to-interactive from 4 to 1.1 seconds.
- [Documented best practices for testing](#) and defined linting config used by 3 front-end teams.

Front-End Engineer @ AutoGravity Jan 2018 – Jan 2019

- Reduced flagship application bundle by 40kb (4%) via refactoring component abstractions.
- Reduced CI build-time from 15 to 10 minutes on average with Dockerfile and Jenkinsfile optimizations.

Developer Intern @ Laika Jul 2017 – Oct 2017

Full-Stack Web Developer @ Charter Communications [Contract] Jun 2017 – Aug 2017

Software Engineer @ University of Oregon Nov 2016 – Jul 2017

Non-Profit Open Source

- [OperationCode](#) – Front-end lead: Non-profit organization helping veterans break into the tech industry.
- [Storybook](#) – Contributor: Presets and webpack configuration.
- [Next.js](#) – Contributor: Next plugins, static export parity with server-rendering, and documentation.

Education

University of Oregon: Computer Science (2012 – 2017)