

Skills

JavaScript, HTML, CSS, Python, SQL, TypeScript, React, Redux, Vue, Vuex, Jest, Mocha, Cypress, Storybook, Lerna, Webpack, Rollup, Node, Express, Apollo, Flask, Django, Docker, Gulp, CircleCI

Experience

Senior Software Engineer @ Acorns (Jul 2019 – Jun 2020)

- Helped reduce load time of “Found Money” page from an average of 9.5 seconds to 4 seconds.
- Eliminated manual release cycle for 7 libraries, saving an average of 10 minutes work per version, per library.
- Created a design-to-dev funnel for icons where SVGs were optimized and then converted to React components, PNGs, and PDFs for all clients to use.
- Led 1 to 3 other teammates for UI work on “Found Money” Chrome Extension, “Found Money” Admin (internal app), and “Early”

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

- Removed Redux Thunks in favor of proper caching layer on nike.com/orders leading to dozens of fewer re-renders and reducing time-to-interactive from 4 to 1.1 seconds.
- Defined and documented best practices for testing and created a linting configuration for 3 front-end teams.

Front-End Engineer @ AutoGravity (Jan 2018 – Jan 2019)

- Reduced flagship application bundle by 40kb (4%) via refactoring component abstractions.
- Architected data model for Contentful CMS integration.
- Reduced CI build-time from 15 to 10 minutes on average by using a multi-stage Dockerfile and declarative pipeline syntax in our Jenkinsfile (with parallelized steps).
- Mentored developers on concepts surrounding React, Redux, and CSS.

Developer Intern @ Laika (Jul 2017 – Oct 2017)

- Created an interactive map app with the ability to filter/search for people, equipment, and shoots.
- Wrote Python codemod for PyQt Maya extensions to get all company extensions from v4 to v5.

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

- Transitioned MVC Django app with jQuery to a Vue.js SPA with Django REST Framework API.
- Created recursively-generated tree navigation component. https://github.com/kylemh/recursive_vue_component

Software Engineer @ University of Oregon (Nov 2016 – Jul 2017)

- Promoted from QA Engineer to Software Engineer in May.
- Upgraded legacy Cordova application (using JavaScript/HTML/CSS) from version 3 to 7.
- Developed unit and e2e tests using Mocha and Selenium for multiple mobile and web apps.

Open Source

- [OperationCode](#) – Front-end lead of non-profit working to get veterans into the tech industry.
- [Storybook](#) – Maintainer and contributor focusing on presets and webpack configuration.
- [Next.js](#) – Contributor focused on Next plugins and static export parity with server-rendering.
- [TSDX](#) – Creator of preset system and maintainer of Storybook preset.
- [RingoStarr](#) – Team lead for school project: a musically-activated dancing robot paired with an Arduino (C++) device.

Education

University of Oregon – Computer Science (2012-2017)