

Nathaniel Allred

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Work Experience

Senior Engineer at Target

(May 2020 - Present)

- Maintained a large OpenStack private cloud.
- Advocated and implemented coding best practices.
- Onboarded teammates and fleshed out documentation.
- Provided rapid response to platform incidents.
- Helped develop an in-house infrastructure platform.
- Tech Stack: OpenStack, Chef, Drone, Ansible, Hashivault, Golang, Python

Software Engineer at Leadpages

(Jun 2018 - May 2020)

- Instrumental in creating Leadpages' site builder.
- Solved performance bottlenecks; added performance regression tests.
- Made an ETL pipeline and accompanying data visualizer.
- Revamped signup and payment, including PayPal integration.
- Relentlessly pared down unused code.
- Tech Stack: React/Redux, Typescript, Python, Scala, Akka

Front End Developer at NRT

(Jul 2017 - Jun 2018)

- Worked on a public facing, high traffic site (coldwellbankerhomes.com).
- Created a Javascript dependency visualizer for reducing code complexity.
- Decreased CSS by 20% on the homepage via module loading.
- Created an automated CSS usage tracking tool with Puppeteer.
- Advocated use of new web APIs, technologies, and functional programming.
- Tech Stack: ES6, jQuery, SASS, Gulp, NPM, TFS, VSTS, Git

Front End Developer at Best Buy

(Jul 2016 - Jun 2017)

- Testing: converted Karma/Mocha to Jest and doubled coverage to 80%.
- Decoupled our codebase from another by creating a separate build process.
- Interviewed, onboarded and trained new teammates.
- Tech Stack: React/Redux, ES6, LESS/CSS, Jest, Jenkins, Grunt, Webpack

Education

- B.A. International Relations, Brigham Young University (December 2015)
- Front End Web Development Certification, Free Code Camp (February 2016)

Other projects

- Client-side scripture searcher (Rust, WebAssembly, Typescript, React)
- CLI repo updater (Rust, Git)
- Volunteering calendar app (Elm, Python, Flask)

Service

- Mentor avid learners breaking into programming careers (2017 - Present)
- LDS Missionary in Rosario, Argentina Mission (Aug 2010 - Aug 2012)