

# ANDREW RICHARDSON

## Staff Software Engineer

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### OBJECTIVE

Staff Software Engineer with 5 years of full-stack development experience, specializing in React, JavaScript, TypeScript, and NodeJS. Proven leadership abilities demonstrated by leading a team of four engineers at Asurion and reducing build time by 50%. Seeking a challenging role to leverage my technical skills and leadership experience.

### EDUCATION

**Bachelor of Computer Science**, University of Alabama in Huntsville  
Minor in Math

2016 - 2019

### SKILLS

<b>Programming Languages</b>	JavaScript, TypeScript, HTML/CSS
<b>Libraries &amp; Frameworks</b>	ReactJS, NodeJS, NextJS, Tailwind CSS, GraphQL
<b>Build &amp; Deployment Tools</b>	Webpack, Nx, Yarn Workspaces, Git, GitHub Actions, AWS, Contentful

### EXPERIENCE

#### Staff Software Engineer

Jan 2023 - Present

Asurion

*Remote*

- Led a team of four engineers in the Digital Gateway space, responsible for managing enterprise websites, collectively receiving over 2 million monthly visitors.
- Engineered a templated ingest process using Contentful, React, and GraphQL that generated over 5000 new marketing pages, resulting in a significant boost to SEO scores and a substantial increase in customer traffic.
- Mitigated security risks for Digital Gateway by eliminating 500+ vulnerabilities in one quarter.
- Optimized the CI/CD process using GitHub Actions, Node.js, and Webpack, reducing build times by 50% and increasing deployment frequency from weekly to more than 8 deployments daily.

#### Software Engineer

Feb 2022 - Nov 2022

Tanium

*Remote*

- Led a team of four engineers to create interactive exportable reports based on client dashboards using Typescript, React, Node.js, Webpack, and Go.
- Created interactive standalone HTML documents using Webpack and Node to attach the bundle to the document directly.

#### Frontend Software Engineer

Jun 2021 - Feb 2022

Postscript

*Remote*

- Led a redesign of a React, TypeScript, and AWS web application from design to execution in 3 months.
- Contributed heavily to a React & Storybook component library to reduce development time in the web application.

#### Software Engineer

Jan 2020 - Jun 2021

Asurion

*Nashville, TN*

- Created a Wi-Fi diagnostic service using [M-Lab](#) built with Typescript, React, NextJS and AWS.
- Added full automated CI/CD and using GitHub actions to reduce developer admin time by 30%.
- Merged code into a Lerna/Yarn monorepo to reduce code duplication by 40%.

#### SDE Intern

May 2019 - Aug 2019

Amazon

*Austin, TX*

- Built an internal tool to automate mobile homepage card submissions using Ruby on Rails, React, and AWS.
- Improved the concept-to-launch time of new cards by 40%.

### PROJECTS

**Personal Portfolio.** A personal portfolio website showcasing my full-stack development skills and projects, implemented with advanced features such as dynamic content rendering and responsive design. The website was developed with React, TypeScript, Contentful, and AWS. ([See it here](#))