

Alexander Cannon

Full-Stack Engineer | Front-End Focus

With over 3 years of experience designing, building, and testing applications using ReactJS, Java, and AWS I'm confident I can be an asset to any team. In addition to my core ReactJS knowledge, I have expertise in HTML, CSS, and JavaScript. I'm interested in teams that value quality, clean code and testing.

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📍 Fort Collins, Colorado

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📞 9708122131

📄 alex-cannon.github.io/portfolio/

🐙 github.com/alex-cannon

SKILLS / SDKS

ReactJS

JavaScript

ES6+

TypeScript

HTML5

CSS3

Sass/Scss

Spring Boot

Java

SQL

Version Control / Git

Docker

Agile & Scrum Methodologies

AWS Cloud

Responsive Design

Bootstrap

Material UI

NodeJS

NPM

Object Oriented design

Clean code principles

SOLID principles

Jira

Confluence

Slack

WORK EXPERIENCE

Software Developer II

Floor & Decor

02/2022 - Present

Retailer of hard-surface flooring and related accessories.

Achievements/Tasks

- Responsible for designing & developing SPAs and RESTful APIs in ReactJS, HTML5, CSS3, Java, and Spring Boot.
- Reduced ReactJS bundle size by ~200kb by replacing an NPM package with under 200 lines of code.
- Rapidly fixed critical bugs in inventory adjustment processing.
- Taught teammates ReactJS best practices via code reviews.

Full-Stack Engineer

Touchtown

11/2020 - 02/2022

Touchtown offers simple senior living technology for communities that want to connect.

Achievements/Tasks

- Responsible for designing & developing SPAs and RESTful APIs in ReactJS, HTML5, CSS3, Java, and Spring Boot.
- Mentored team on how to write accessible, quality, ReactJS tests with Testing-Library.
- Reduced ReactJS bundle size by 25% by identifying & optimizing usage of NPM package.
- Increased supported upload file size from 2 gigabytes to up to 5 terabytes by developing a Spring Boot RESTful API using the AWS SDK.

Junior Software Engineer

U.Group

11/2019 - 11/2020

Formerly Bytecubed, U.Group offers IT services primarily to the public sector including the Department of Defense.

Achievements/Tasks

- Responsible for designing & developing SPAs and RESTful APIs in ReactJS, HTML5, CSS3, Java, and Spring Boot.
- Migrated over 23 legacy Angular components to React with no previous knowledge of Angular.
- Promoted code quality with knowledge of JavaScript & Typescript best practices, TDD, SOLID principles, DRY code, and clean code.
- Reduced API call latency by over 8% by removing unnecessary sql / mssql Database look-ups.

WORK EXPERIENCE

Freelance Web Developer

Self-Employed

08/2019 - 11/2019

Worked on a project for Colorado State University's Math Department.

Achievements/Tasks

- Responsible for designing and developing thetensor.space using Jekyll, JavaScript, JQuery, HTML5, CSS3, Sass.
- Developed custom scripts to dynamically pull repository data from GitHub's RESTful API.
- Implemented KaTeX, a JavaScript library for rendering complex mathematical formulas.

EDUCATION

Fruita Monument High School

Free Code Camp

06/2017 - 08/2018

3.8 GPA

Achievements/Tasks

- Recognized in excellence and honors in Technology Education Department.

CERTIFICATES

AWS Associate Developer (10/2020 - 10/2023)

Demonstrate proficiency in developing, deploying, and debugging cloud-based applications using AWS.

Front End Libraries | Free Code Camp (02/2019 - Present)

400 hours of React, Redux, JQuery, Bootstrap, and Sass. Built 5 React projects using the technologies and hundreds of small challenges along the way.

JavaScript Algorithms and Data Structures | Free Code Camp (02/2019 - Present)

300 hours of JavaScript and Data Structures, ES6+, Regular Expressions, Debugging, Object Oriented Programming, & Functional Programming.

Responsive Web Design | Free Code Camp (02/2019 - Present)

300 hours of HTML / HTML5, CSS3, visual design, applied accessibility, responsive web design, CSS Flexbox, and CSS Grid. Built 5 responsive projects.

PERSONAL PROJECTS

Codepen clone (01/2019 - 04/2019)

- Created a basic clone of codepen.io.
- Built with React, NodeJS, JavaScript and ES6+.

Fort Collins Fire Department Service Directory (04/2019 - 08/2019)

- Responsible for Front End Development of <https://fd-servicedirectory.herokuapp.com>, a free public service to help fire-fighters match people-in-need with non-profits.
- Built with React, Google Sheets APIs, Typescript, JavaScript, and ES6+.

Secret Santa Shop (09/2018 - 01/2019)

- Led a team of 2 other developers to build a Secret Santa shop during a "Chingu Voyage".
- Built with React, NodeJS, JavaScript & ES6+.