

# Alexander Cannon

## Full-Stack Engineer | Front-End Focus

With over 2 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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🐙 [github.com/alex-cannon](https://github.com/alex-cannon)

## WORK EXPERIENCE

### Full-Stack Engineer Touchtown

12/2020 - Present

Worked remotely from Fort Collins,  
CO, United States

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

Worked remotely from Fort Collins,  
CO, United States

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.
- Championed eslint, static testing coverage for over 24000 lines of code, promoting best practices, standards, and code readability.
- Migrated over 23 legacy Angular components to React with no previous knowledge of Angular.
- Reduced API call latency by over 8% by removing unnecessary sql / mssql Database look-ups.

### Freelance Web Developer Self-Employed

08/2019 - 11/2019

Fort Collins, CO

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.

## SKILLS / SDKS

ReactJS

Redux

JavaScript

ES6+

HTML5

CSS3

Sass/Scss

Spring Boot

Java

SQL

NodeJS

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

## EDUCATION

### Front End Development | Free Code Camp (06/2017 - 08/2018)

Online coding bootcamp offering highest honor certificates in web development and design

### Fruita Monument High School (08/2013 - 05/2017)

Graduated with 3.8 GPA. 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.