Alexander Cannon

Full-Stack Software Engineer | Front-End Focus

I teach Web Development on my YouTube channel to hundreds of learners. With over 2 years of experience, continuous learning, and a *cannonry* of persistent attitude, I'm confident I can be an asset to any team. I'm Interested in teams that value quality, clean code, and testing.

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📱 9708122131

📍 Fort Collins, Colorado

🌐 alex-cannon.github.io/portfolio/

in linkedin.com/in/alexander-lee-cannon

○ github.com/alex-cannon

WORK EXPERIENCE

Senior Software 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

- Increased supported upload file size from 2 gigabytes to up to 5 terabytes by developing a Spring/Java RESTful API using the AWS SDK.
- Reduced AWS S3 costs by an estimated $600.00 USD annually by implementing an AWS S3 lifecycle policy for temporary objects.
- Led team discussions on how to best migrate from a legacy, MVC architecture to a modern, ReactJS SPA application.
- Reduced testing & code base complexity by spearheading migration from ReactJS class components to ReactJS functional components.

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.
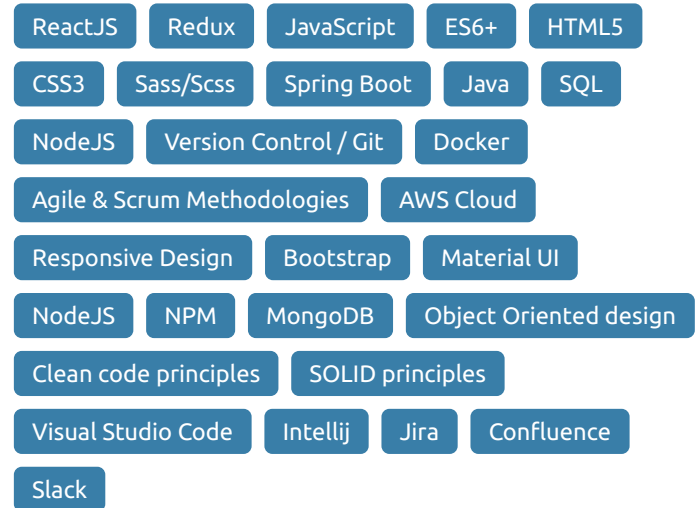
Achievements/Tasks

- Responsible for designing & developing SPAs and RESTful APIs in React, HTML5, CSS3, Java, and Spring Boot for the Department of Defense.
- Championed eslint, static testing coverage for over 24219 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 / mmsql Database look-ups.

PERSONAL PROJECTS

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+.

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 MongoDB Object Oriented design
Clean code principles SOLID principles
Visual Studio Code Intellij 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.