

Andrew Thiessen

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Full-stack software developer with a passion for design and functionality. Brings strong skills in communication and teamwork that assist software companies thriving in the competitive world of tech. I excel in team-oriented environments and help bring fresh, new ideas. I draw my inspiration for design from the Rocky Mountains of Colorado!

TECHNICAL SKILLS

ActiveRecord, HTML/CSS, JavaScript, React.js, Ruby, Rails (with MySQL and Postgresql), SQL, JQuery, Photoshop, Java

TECHNICAL PROJECTS

EleMatch- [Github](#) | [Demo](#)

A match-3 puzzle game made entirely in JavaScript

- Applies an algorithm to determine tile color matches and calculate what tiles will be dropped from the top
- Built on top of Phaser, a game engine made for JavaScript, which allows for streamlined user experience
- Utilizes local storage to store the username and high score on your machine to receive immediate feedback

Send The Climb - [Github FE](#) | [Demo](#)

A purely front-end app made to find your next climb

- Adopts REI's MountainProject API to fetch local/relevant climbs with latitude and longitude
- Employs Google Maps API for Google Maps integration in order to provide fluidity of user experience
- Applies query parameters in order to narrow your search results to find the most relevant climbs

StratiCast - [Github FE](#) | [Github BE](#) | [Demo](#)

A weather app that can access weather information from nearly anywhere in the world

- Built on React.js to make a front-end which allows for a pleasing user experience
- Demonstrates use of JWT and BCrypt gems to create working token-based auth
- Implements OpenWeather API in order to get the most up-to-date information possible

EXPERIENCES

Giving Group - (January 2020 - Present) [Demo](#)

A non-profit service that collects, combines and distributes charitable donations & solves the challenge by making it easier for leaders to start and manage charity groups and easier for members to give.

- Learning Angular and TypeScript in order to push needed code and components to production
- Translates old production code (HTML/CSS and JavaScript) into the modern Angular 9 for a up-to-date and efficient experience on all ends, both client-side and development
- Utilizes groups of testers to ensure components work as intended before code can be pushed to production, as between two people writing complicated tests can detract valuable time from essential development
- Employs a sprint board ([Pivotaltracker](#)) to focus on essential components of the program in order to optimize time and effort between the one other developer and I ([Examples](#)).

Super Tools and Armor Mod for Minecraft - [Link](#)

Made for fun in 2013, I learned Java in 7th grade and put it to use with this project

- Built a fully functioning mod in less than 2 months using Java, a language that was self taught, which was featured on the front page of [PlanetMinecraft](#), a popular Minecraft resource site.
- Created and customized item art (pixel art) with Photoshop that meshes with the classic Minecraft style for an organic user experience
- Established project workflow, starting with whiteboarding mod functionality and visual design

EDUCATION

Flatiron School - Denver, Colorado, Software Engineering Immersive, August 2019 - December 2019