

# John Finley

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## EDUCATION

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### Flatiron School

Full Stack Software Engineering Certificate

Denver, CO

June 2022 - Oct 2022

### Washington State University

Bachelor of Science in Mechanical Engineering, GPA: 3.37

Bremerton, WA

Aug. 2018 – May 2020

## EXPERIENCE

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### Assembly Technician

Panther Industries

Mar 2023 – Present

Highlands Ranch, CO

- Coded a form using JavaScript, HTML, and CSS that technicians can use to print out a serial number/firmware tag, saving them time from typing it out themselves
- Assembled complex electronic machinery quickly and efficiently in order to achieve production goals
- Conducted testing of machines to ensure specifications were according to client's needs

### Field Service Technician

Panther Industries

Aug 2020 – May 2022

Highlands Ranch, CO

- Delivered field service support to 30+ customers in 12 states and coordinated with clients to mitigate impact on business operations
- Diagnosed and resolved machine malfunctions for 10+ customers per day, including analyzing servo motors, controllers, and displays
- Prioritized communication with clients in order to positively represent and portray the company

## PROJECTS

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### Reddit Clone | Ruby on Rails, JavaScript, jQuery, Bootstrap, PostgreSQL, Git

[Source Code](#) | [Live Demo](#)

- Built a full stack web app where users can make their own communities, posts, and comments to share content
- Utilized PostgreSQL and Ruby on Rails to maintain a relational database designed to easily access user data
- Practiced RESTful API development using get, patch, post, and delete HTTP requests to keep code consistent and readable
- Maintained a state-held user, allowing for an individual to view/edit their personal account and information

### Reddit Keyword Post Monitor | Ruby on Rails, Tailwind, PostgreSQL, Git

[Source Code](#)

- Wrote a program that actively searches for recent Reddit posts and emails you posts with matching criteria
- Modeled a custom database schema and REST API using Ruby models and Active Record CRUD operations
- Reused components as necessary to keep app readable for other developers and limit browser loading times
- Used Whenever gem to regularly check for new Reddit posts

### React Weather Browser | React, JavaScript, Tailwind, CSS, Git

[Source Code](#) | [Live Demo](#)

- Created a Weather Browser to quickly access current weather conditions across the United States
- Implemented Google's Autocomplete API functionality, allowing users to easily search for cities
- Started continuous deployment using Vercel to build the app upon a new release
- Integrated useContext and useEffect hooks to handle global state information and asynchronous functions

## SKILLS & INTERESTS

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**Skills:** JavaScript, React, Ruby on Rails, SQL (Postgres), HTML/CSS,

**Developer Tools:** Git, VS Code, Postman

**Concepts:** Object-Oriented Programming, MVC, Object-Relational Mapping, CRUD

**Interests:** Skiing, Disc Golf, Running