

John Finley

Denver, CO | (707)-338-3266

j.finley92@gmail.com | github.com/jfinley6 | linkedin.com/in/john-tyler-finley

WORK EXPERIENCE

Panther Industries, Denver, CO

Software Engineer Intern/Assembly Technician

Mar 2023 – Present

- Developed a web form using **React** and **Express.js** to simplify workflows and remove the need for typing out multiple entries
- Led the development and deployment of a **REST API** to store company firmware data for easy access
- Created **Python** desktop application that generates necessary configuration files needed to program machines
- Refactored and maintained existing **VBA** codebase to keep up with modern coding practices
- Conducted testing of machines to ensure specifications were according to client's needs

Field Service Technician

Aug 2020 – May 2022

- Delivered field service support to 30+ customers in 12 states and coordinated with clients to mitigate impact on business operations
- Demonstrated strong problem-solving skills by effectively resolving mistakes in production under high pressure time constraints
- Diagnosed and resolved machine malfunctions for 10+ customers per day over the phone and through email

TECHNICAL PROJECTS

Reddit Keyword Monitor - [Project Repository](#)

- Wrote **Ruby on Rails** program that searches for recent Reddit posts and sends email when posts are found
- 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
- Utilized app to find posts with free tickets to concerts and events

Reddit Clone - [Project Repository](#) | [Live Demo](#)

- Built a full stack **Ruby on Rails** web application where users can make their own communities, text posts, and comments
- Utilized **PostgreSQL** and Active Record 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

Weather App - [Project Repository](#) | [Live Demo](#)

- Created a Weather Browser in **React.js** to quickly access current weather conditions across the United States
- Utilized OpenWeatherMap **API** to obtain weather data
- Implemented feature to save favorite locations to a list that persists across sessions using Local Storage
- Utilized Google's autocomplete **API** to suggest cities based on user input

EDUCATION

Certificate in Software Engineering, Full Stack

Flatiron School • 10/2022

B.S. Mechanical Engineering

Washington State University • GPA: 3.37 • May 2020

SKILLS

Coding: JavaScript, Ruby, Python, HTML, CSS, VBA

Frontend (client side): React.js, Tailwind, Bootstrap

Backend (server side): Ruby on Rails, Express.js

Tools: Postman, Git, VS Code