

John Finley

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[linkedin](#)

[github](#)

[portfolio](#)

Skills

Languages: JavaScript (ES6), Python, Ruby, HTML, CSS, SQL, VBA

Frameworks: React, ExpressJS, Ruby on Rails, Tailwind, Bootstrap

Tools: Git, Postman, VSCode

Experience

Programmer/Assembly Tech, Panther Industries - Highlands Ranch, CO

Mar 2023 – Present

- Elevated functionality and user experience of existing JavaScript and VBA programs through feature additions and code refactoring leading to an improved user experience
- Implemented comprehensive unit tests for JavaScript and VBA programs, improving code reliability and reducing the occurrence of bugs
- Developed a Python desktop application automating the generation of vital configuration files, reducing manual workload for technicians
- Conceived and deployed a streamlined web form using React and ExpressJS, effectively simplifying workflows and eliminating the need for manually typing multiple entries
- Adjusted and repaired electrical component parts to correct defects and ensure specifications are met

Field Service Technician, Panther Industries - Highlands Ranch, CO

Aug 2020 – May 2022

- Provided field support to more than 30 clients spanning 12 states, reducing downtime through close collaboration
- Remotely troubleshooted and resolved machine malfunctions for an average of 10+ daily customers, ensuring prompt and efficient service delivery through phone and email communication

Projects

Out of Bounds Discs

[Demo](#) | [Repository](#)

- Developed a disc golf e-commerce store from scratch utilizing React and Ruby on Rails, successfully implementing comprehensive CRUD operations for streamlined product management, resulting in a user-friendly online store
- Integrated ActionMailer functionality to automatically send email notifications to users upon signing up for an account, enhancing user engagement and communication
- Employed Bootstrap and CSS to create a visually appealing and responsive user interface, ensuring optimal user experience across different devices and screen sizes
- Designed and implemented a secure authentication system in Rails, utilizing session storage in the browser to authenticate and authorize user access, ensuring data privacy, and security

Reddit Keyword Monitor

[Repository](#)

- Engineered a Reddit Keyword Monitor utilizing Ruby on Rails, which efficiently searches for recent posts and promptly sends email notifications after finding matching texts
- Designed and implemented a customized database schema and REST API, employing Ruby models and ActiveRecord CRUD operations
- Ensured maintainability and optimized user experience by reusing components as needed, resulting in readable code for fellow developers and minimized browser loading times

React Weather Browser

[Demo](#) | [Repository](#)

- Created a dynamic Weather Browser using React, enabling users to easily retrieve real-time weather conditions for locations across the United States
- Leveraged the OpenWeatherMap API to seamlessly access accurate and up-to-date weather data
- Implemented Google's AutoComplete API to enhance user experience by providing city suggestions based on user input

Education

Flatiron School

Oct 2022

Full Stack Software Engineering Bootcamp

Washington State University

May 2020

Bachelor of Science in Mechanical Engineering

GPA: 3.37