

# John Finley

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[linkedin](#)

[github](#)

[portfolio](#)

## Skills

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

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

## Experience

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

Mar 2023 – Present

- Ensured enhanced code quality by refactoring JavaScript and VBA codebase, effectively optimizing for improved readability
- Developed a Python desktop application that automates the generation of crucial configuration files, leading to increased technician productivity and a significant reduction in errors
- Designed and implemented 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
- Demonstrated strong problem-solving skills by effectively resolving mistakes that came up during production
- 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

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### 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 Active Record 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

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### Flatiron School

Oct 2022

Full Stack Software Engineering

### Washington State University

May 2020

Bachelor of Science in Mechanical Engineering

GPA: 3.37