John Finley

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Skills

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

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

Experience

Software Engineer Intern/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 collaborative
- 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

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

Flatiron School   Oct 2022
Full Stack Software Engineering

Washington State University   May 2020
Bachelor of Science in Mechanical Engineering   GPA: 3.37