John Finley

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Skills

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

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

Experience

Software Engineer Intern/Assembly Tech, Panther Industries - Highlands Ranch, CO   Mar 2023 − Present

- Debugged and added features to production-level codebase utilizing JavaScript, HTML, CSS, and VBA
- Created a Python desktop application that automates the generation of essential configuration files required for machine programming increasing productivity for technicians
- Developed a web form using React and Express.js to eliminate the need for manual data entry
- Conducted thorough mechanical testing of machines to ensure compliance with client specifications
- Adjusted, repaired, and replaced electrical component parts to correct defects and to ensure specifications are met

Field Service Technician, Panther Industries - Highlands Ranch, CO   Aug 2020 − May 2022

- Delivered field support to 30+ clients across 12 states, minimizing downtime through close collaboration
- Demonstrated strong problem-solving skills by effectively resolving mistakes in 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 ecommerce store using React and Ruby on Rails, implementing all CRUD operations
- 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

- Developed a Reddit Keyword Monitor utilizing Ruby on Rails, which efficiently searches for recent posts and promptly sends email notifications upon 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

- Developed 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