John Finley

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Education

Flatiron School   Oct 2022
Full Stack Software Engineering

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

Experience

Programmer/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   July 2020 − June 2023
- 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   July 2020 − June 2023
- 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   Apr 2020 − June 2020
- 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

Skills

Languages: JavaScript (ES6), Python, Ruby, HTML, CSS, SQL, VBA
Libraries & Frameworks: React, Express, Ruby on Rails, Tailwind, Bootstrap
Databases & ORMS: Postgresql, Sqlite, Active Record