John Finley

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WORK EXPERIENCE

Panther Industries, Denver, CO
Software Engineer Intern/Assembly Technician   *Mar 2023 - Present*

- Developed a web form using **React** and **Express.js** to eliminate the need for manual data entry
- Led the development and deployment of a **REST API** for storing company firmware data, enabling convenient access and retrieval.
- Created a **Python** desktop application that automates the generation of essential configuration files required for machine programming
- Refactored and maintained an existing **VBA** codebase, implementing modern coding practices to enhance functionality and maintainability

Field Service Technician   Aug 2020 - May 2022

- Delivered field service support to 30+ customers across 12 states, minimizing disruption to business operations through close collaboration
- Demonstrated strong problem-solving skills by effectively resolving mistakes in production under high pressure time constraints
- Remotely troubleshooted and resolved machine malfunctions for an average of 10+ daily customers, ensuring prompt and efficient service delivery through phone and email communication

TECHNICAL PROJECTS

Reddit Keyword Monitor - [Project 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 code maintainability and optimized user experience by reusing components as needed, resulting in readable code for fellow developers and minimized browser loading times

Reddit Clone - [Project Repository] | [Live Demo]

- Built a full stack **Ruby on Rails** web application where users can create their own communities, make text posts, and engage in discussions through comments
- Employed **PostgreSQL** and **Active Record** to establish a robust relational database, ensuring efficient storage and retrieval of user-related data
- Demonstrated proficiency in **RESTful API** development by implementing standard HTTP requests such as GET, PATCH, POST, and DELETE, ensuring consistent and predictable code behavior

Weather App - [Project Repository] | [Live Demo]

- Developed a dynamic Weather Browser using **React.js**, 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

Certificate in Software Engineering, Full Stack
Flatiron School • 10/2022

B.S. Mechanical Engineering
Washington State University • GPA: 3.37 • May 2020

TECHNICAL SKILLS

JavaScript, React.js, Ruby on Rails, Express, Git, Python, VBA, HTML, CSS, Tailwind