John Finley

707-338-3266   j.finley92@gmail.com   linkedin   github   portfolio

Summary

Motivated Programmer with a strong foundation in backend development, including RESTful API design, authentication, and state management. Proficient in Python and JavaScript, with hands-on experience building web applications and collaborating in team environments. Eager to contribute to innovative projects while continuing to develop technical expertise

Skills

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

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

Tools: Git, Postman, VSCode

Experience

Programmer/Assembly Tech, Panther Industries - Highlands Ranch, CO   Mar 2023 – Present

- Developed a customizable Electron desktop app for printing employee labels with advanced features like dynamic templates, font adjustments, and barcode integration, enhancing user workflow and flexibility
- Migrated legacy VBA scripts to Python improving performance and maintainability by reducing technical debt
- Implemented unit tests for both JavaScript and Python code, achieving a reduction in bugs and enhancing the stability of both platforms
- Performed troubleshooting and repair on electrical components, ensuring specifications and quality standards were met

Volunteer Full Stack Software Developer, Driven II Develop   May 2024 – July 2024

- Developed user logic for a RESTful Express.js backend, including the user model, sign-up and login functionality, JWT authentication, and Google OAuth integration, contributing to a secure and efficient user management system
- Created a UserContext in React using the Context API for managing user state, authentication, and registration, with a cookie-based token management system to ensure secure, global access to user data
- Collaborated with a team of researchers, designers, and developers in an agile environment, providing technical support to improve code quality and enhance the overall user experience

Projects

React Weather Browser   Demo | Repository

- Developed a responsive web application that enables users to retrieve real-time weather conditions across the United States using the OpenWeatherMap API. Integrated Google's AutoComplete API for intuitive city selection, enhancing usability and delivering a seamless user experience

Reddit Keyword Monitor   Repository

- Designed a Reddit Keyword Monitoring tool in Ruby on Rails to scan recent posts and send real-time email notifications upon detecting matching keywords. Built a REST API with a custom database schema and applied optimized CRUD operations, resulting in quick load times and a high level of maintainability

Education

Flatiron School   Oct 2022
Full Stack Software Engineering Bootcamp

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