

KYLE NORRIS



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PROFILE

I am a web developer with proven success creating data-driven dashboards and building full-stack applications with JavaScript and Python frameworks. Skilled in API integration, responsive design, and continuous integration.

WORK

Front-End Developer

FilePoint
08/2023 - present

- Developed public-facing dashboards for Exchange Traded Funds, integrating APIs from a variety of major banks for daily data updates
- Created and maintained regulatory document-hosting websites for Mutual Funds, ensuring compliance and accessibility
- Collaborated directly with clients to implement updates and resolve website issues, improving client satisfaction and operational uptime
- Developed web applications to produce automated PDF documents for Mutual Fund and ETF clients
- Engineered a continuous deployment system using GitHub Actions and Rsync, accelerating website release cycles and reducing manual errors
- Authored NPM scripts to automate developer tasks and detect build process errors, increasing development efficiency and code quality

Web Developer

Oak City Labs
08/2021 - 08/2023

- Developed and maintained full-stack web applications with responsive frontends using Vue.js, and efficient backends using FastAPI and PostgreSQL, ensuring robust performance and scalability
- Wrote comprehensive unit tests using Jest, Pytest, and testthat, achieving over 80% code coverage to maintain high code quality and reliability
- Containerized applications using Docker to standardize deployment environments and streamline release processes
- Designed and prototyped user-friendly web applications using Sketch and Figma, translating designs into maintainable, responsive frontend code that met customer requirements
- Streamlined continuous integration and deployment pipelines with GitHub Actions, enhancing testing, linting, and deployment efficiency
- Designed, and implemented transactional emails using MJML and Mailchimp, improving user experience and engagement
- Built responsive, function frontend dashboards using ChartJS, enhancing data visualization and user experience

SKILLS

Programming Languages

JavaScript	Python	R
Typescript	.NET	PHP

Technologies/Frameworks

Vue	React	Eleventy
HTML	CSS	SCSS
Vuex	Vue Router	Vuetify
FastAPI	MJML	ExpressJS
Gulp	Esbuild	Bootstrap
ChartJS	Highcharts	jQuery
Jest	Pytest	ESLint

Version Control

Git [GitHub](#)

DevOps

Docker [AWS](#) [PostgreSQL](#)

Design Tools

Sketch [Figma](#)

CI/CD

GitHub Actions [Ansible](#)

Operations Engineer

Bright View Technologies

03/2020 - 08/2021

- Managed and upgraded automated machinery in an optical film manufacturing facility to enhance operational performance
- Developed and implemented a system for measuring and cataloging adhesion strength of laminated acrylic boards, ensuring consistent product quality
- Installed and integrated automated continuous inkjet printers into production lines to improve production tracking accuracy and traceability
- Consolidated live data from multiple production lines into a central SQL server, streamlining data flow and increasing operational efficiency
- Provided essential engineering support to various live production lines, minimizing downtime and optimizing production efficiency
- Maintained and optimized Microsoft Access databases to enhance operator interaction and improve data management processes

Automation and Controls Engineer

Autonetics

10/2017 - 03/2020

- Developed PLC programs and touch-screen user interfaces for fully automatic metrology systems in industrial settings
- Led cross-functional team to deliver Coupling Deburring System on schedule, meeting all project requirements
- Designed and performed extensive system tests to determine optimum consumable wear rates and cycle times, maximizing reliability
- Engineered prototype PCBs for high-current linear LED driver; conducted breadboard testing and electrical troubleshooting to refine designs
- Created CSA-certified electrical schematics for control panels, ensuring compliance with safety standards
- Performed on-site installation and diagnostics of robotic metrology equipment, minimizing downtime and ensuring accuracy
- Developed an algorithm to reduce sensor assembly position deviation, improving measurement accuracy and repeatability on robotic systems
- Authored detailed work instruction manuals to standardize assembly and boost quality consistency
- Conducted acceptance testing to validate system performance against customer specifications and American Petroleum Institute standards

EDUCATION

B.S. EET, Concentration in Mechatronics

East Coast Polytechnic Institute