

Hunter Harris

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Experienced Software Engineer looking for new opportunities

Professional Experience

Software Engineer II

PRECISION PUMPING SYSTEMS

2020 - Present

Remote, US

- Self-led development on multiple internal and customer facing projects
- Collaborated across multiple departments to create tailored and robust solutions
- Deployed, managed, and maintained multiple projects across cloud and on-premise hardware

Flask SQLAlCHEMY PyModbus JavaScript AJAX Luxon Server Administration

Software Engineer Asc.

LOCKHEED MARTIN

2022 - 2023

Remote, US

- Supported legacy web application for operation and maintenance of aircraft
- Iterated on customer's needs to add features and fix issues
- Updated legacy XSLT templates for generating dynamic reports and documentation

C# .NET Angular XSLT

Projects

Clarity

PRECISION PUMPING SYSTEMS

2020 - Present

Remote, US

- Developed web app for remote pump station management using Flask, PyModbus, and many other technologies
- Created custom, animated SVG widgets to display system sensor data and statuses
- Implemented administration tools for managing customers, groups, and remote systems
- Architected configuration driven customer dashboards for unique and customizable solutions to non-standard problems

Panel Configurator REST API

PRECISION PUMPING SYSTEMS

2023 - Present

Remote, US

- Designed a developer friendly REST API for managing control panel quote data using Flask-RESTX, Marshmallow, SQLAlchemy, etc.
- Implemented dynamic and maintainable workflows to facilitate CRUD operations on large database schemas
- Integrated with several dependant APIs via custom Flask extensions for an all in one solution

PPS Search

PRECISION PUMPING SYSTEMS

2024 - Present

Remote, US

- Created customer facing web portal for searching schematics and drawings
- Secured with modern cryptographic algorithms and two-factor authentication
- Implemented daily scraping and cleaning of dirty data sources for allowing easy and targeted searching

Education

Bachelors of Science in Computer Science

Minor in Informatics

IDAHO STATE UNIVERSITY

2018 - 2022

Pocatello, Idaho

- Graduated Summa Cum Laude with a 4.0 GPA
- Received Presidential Scholarship

Skills

Programming Python | JavaScript | SQL

Frameworks Flask | SQLAlchemy | FastAPI | Svelte

Tools Git | GitHub | Vim | Neovim | Docker

Other Linux | Cloud Deployment | Server Administration | Nginx | DigitalOcean | Domain Management