

Nicholas Pasqualetti

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WORK EXPERIENCE

FDA Forensic Chemistry Center (Contract)

Cincinnati, OH

Systems Engineer

Jan 2022 – Oct 2023

- Upgraded all servers, storage, and network devices (20+ devices) to the latest release
- Plan, design, and implement network and server modernization (50+ devices) during building construction
- Created virtual test network to enable the laboratory to test and train users on new systems
- Standardized all server, storage, and network configurations
- Performed disaster recovery and failed over to the backup server cluster while maintaining RPO & RTO SLAs
- Migrated out-of-band management network from internal network to regulatory network

Frost Brown Todd

Cincinnati, OH

Systems Engineer

Apr 2018 – Jan 2020

- Led project to automate and update 2500+ switch interfaces in 14 remote sites with SolarWinds NCM scripting
- Implemented new core switches and SD WAN equipment at 12 sites
- Designed policy-based routing on cores to shift replication and wireless traffic to alleviate MPLS utilization
- Created SolarWinds NCM script to update 100+ routers and switches syslog and SNMP configuration
- Performed 5 site surveys to optimize wireless infrastructure

Leadec Industrial Services

Cincinnati, OH

Information Services Associate

May 2017 – Apr 2018

- Implemented network design and configuration for 3 new site acquisitions
- Enabled remote access for 200+ users to access internal email and network resources with Miradore MDM

SKILLS & CERTIFICATIONS

Technical Skills: Python, React, Django, SQL, Javascript, HTML/CSS, Node.js, Next.js, Docker, Kubernetes, GCP, AWS, Heroku, CloudFlare, Vercel, Netlify, PlanetScale, EIGRP, OSPF, Policy-Based, Routing, iSCSI, STP, VLAN, Cisco ASA, SNMP, Syslog, IP SLA, NAT, HSRP, Load-Balancing, DNS, DHCP, SolarWinds

Certifications & Training: CCDevP, CCNP Enterprise, CCNA Security, CCDA, Linux Essentials, A+, Project+, Cloud+

Awards: CNSS 4011 Recognition (2019)

WEBSITE PROJECTS

[StockMVP](#)

- Financial dashboard that provides long-term value by saving you time researching your favorite stocks
- Designed and created StockMVP with a 3-person team using Django and hosted on Heroku
- Grew platform to over 2,500 registered users

[Influencer Dojo](#)

- Dashboard filled with 10,000+ influencer emails to help e-commerce brands scale with email marketing
- Designed and created independently using Next.js. Front-end is hosted on Vercel. Backend is hosted with PlanetScale.

[Reverse Stock Split Arbitrage Script](#)

- Designed and created reverse stock split arbitrage script to find RSA opportunities from 20+ news sources
- Created to save time for researchers who are searching for reverse stock splits in 8-K forms filed to the IRS

[HTML to Markdown Convertor](#)

- Created a simple website to help bloggers convert web pages into markdown articles

EDUCATION

Western Governors University

Bachelor of Science - Network Operations and Security

Salt Lake City, UT

Aug 2020