

PHILLIPS NOZIL

Network Administrator & IT Systems Engineer

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SUMMARY

Network administrator and IT systems engineer who designs, secures, and supports the infrastructure organizations run on: enterprise switching, firewalls, servers, and multi-site networks across six states. Self-taught and relentlessly hands-on, I build PCs, servers, and homelabs from bare components, engineer redundancy into every project, and rarely get a callback because the work holds. I never back down from a problem I haven't seen and usually solve it the same day.

EXPERIENCE

Founder & CEO

Jan 2023 – Present

Nozil Intelligence Technologies LLC — AV/IT Integration Firm

- Built a one-person firm into a six-state operation, owning every layer from switch configuration and firewall rules to client relationships and 24/7 support.
- Design and deploy secure LAN/WAN environments for businesses and residences on Cisco, Juniper, and EnGenius hardware, with VLAN segmentation across PA, NJ, NY, MA, NC, and FL.
- Design and build custom homelabs for clients, spec'd, assembled, and configured for hosting, storage, and self-managed services.
- Engineer redundancy and failover into every project, holding 100% uptime on client surveillance and production networks via RMM monitoring and automated patching.
- Self-host client and company websites on enterprise-grade servers I own and administer; expanding the firm into custom web development and hosting.

IT Support & Networking Specialist

Present

Edu-Tech (K–12 Schools)

- Work directly with the CTO on network configuration and infrastructure decisions across the district.
- Console into Cisco and Juniper switches to configure, harden, and restore switch stacks, inter-building fiber uplinks, firewalls, and rack servers.
- Run packet captures in Wireshark to pinpoint the exact source of latency, packet loss, and misconfiguration.
- Keep classrooms online during instruction, resolving hardware, software, and connectivity issues for staff and students.

IT Support Associate

Present

MSLS Partners

- Work closely with the COO to keep company systems and day-to-day IT running smoothly.
- Provide hands-on support across hardware, software, accounts, and connectivity, keeping downtime to a minimum.

Network Administrator & Technical Lead

Jun 2018 – Present

Church of God Worship Center

- Own the network end to end, with custom QoS policies that guarantee bandwidth for high-bitrate broadcast and live streaming.
- Rebuilt aging infrastructure into a secure smart building with encrypted VPN access for full off-site administration.
- Lead and train a technical crew of 5+, keeping network infrastructure in lockstep with live broadcast operations.

TECHNICAL SKILLS

Networking: LAN/WAN design, routing & switching, VLAN segmentation, subnetting, QoS, VPN & remote access; console configuration of Cisco, Juniper, and EnGenius switches

Security & Analysis: Firewall rule writing, network segmentation & hardening, Wireshark packet analysis, switch-authentication bypass testing, credential & Wi-Fi reconnaissance

Servers & Systems: PC / workstation / server builds, homelab design & self-hosting, VPN tunneling, DNS filtering, redundancy & failover, Linux administration, RMM, IP surveillance / NVR

Development: Web development & hosting, Python, C++, Java, Git, shell scripting

AV/IT: AV-over-IP (Dante, AES50), live broadcast & streaming, digital mixing consoles

Hardware: Cisco, Juniper EX/SRX, EnGenius, HPE, WatchGuard, Dell PowerEdge, APC UPS

EDUCATION & CERTIFICATIONS

B.S. in Information Technology – Networking, Pennsylvania State University — 2026

Cisco Certified Network Associate (CCNA) — In progress