

Josh Gannon

Network Security Engineer

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SUMMARY

Network security engineer with 10+ years of experience designing and implementing firewall, endpoint, and SD-WAN solutions across enterprise and SMB environments. Deep hands-on expertise in Fortinet and SonicWall platforms, with demonstrated ability to operate at scale - including a 500% improvement in multi-site firewall deployment efficiency. Experienced in leading escalations, integrating AI tooling into engineering workflows, and guiding teams on security best practices. Currently focused on high-trust consulting for digital asset security.

CORE COMPETENCIES

Firewall Architecture & Deployment · SD-WAN Design · Endpoint Security (EDR/AV) · VPN & Secure Remote Access · Incident Response & Breach Investigation · Network Segmentation · NGFW Policy Design · AI Agent Development & QA · Escalation Engineering · MSP & Multi-Tenant Environments

EXPERIENCE

Architect, Digital Asset Security | Vonvoo

April 2026 - Present · Remote

- Independent consulting practice focused on securing personal and organizational digital assets.
- Assess threat exposure and implement layered security controls tailored to high-value individual and small-team environments.
- Advise on wallet security, identity protection, access control, and operational security posture.

Engineer, Security Implementation | Logically

December 2025 - April 2026 · Remote

- Promoted into a formalized senior implementation role within the engineering org.
- Developed and maintained AI agents to assist engineers with troubleshooting, security best practices, firmware vulnerability tracking, and configuration automation - reducing manual investigation time.
- Established and refined QA processes and guardrails for AI agent outputs, ensuring reliability and accuracy grounded in real-world security experience.
- Secure implementation (scope/harden/build/implement) complex, multi-environment installs at scale. Cloud Mobile VPN with cloud IDP. Integration with SIEM.
- Continued as Lead Engineer for Arctic Wolf Aurora Protect and Focus (NextGen AV/EDR platform), owning rollout, configuration standards, and escalation handling.
- Escalation handling.

Network Security Engineer II | Logically

July 2023 - December 2025 · Remote

- Architected and delivered new customer firewall and network security deployments; hardened and optimized existing environments.
- Designed and implemented a scalable deployment system that increased team efficiency by 500% across thousands of managed firewalls.
- Cloud Mobile VPN implementation via Sonicwall Cloud Secure Edge, integrating with cloud IDP (SAML, Entra ID, Google Workspace).
- Served as Lead Engineer for Arctic Wolf Aurora Protect and Focus (NextGen AV/EDR platform), owning rollout, configuration standards, and escalation handling.
- Acted as Escalations Engineer for the most complex and high-severity customer issues across the team.
- Core platforms: SonicWall, Fortinet, ExtremeCloud IQ, Arctic Wolf Aurora.

Network Security Engineer | Logically

August 2021 - July 2023 · Remote

- Handled inbound technical cases for cybersecurity breaches, network traffic issues, and new security configurations across a managed customer base.
- Investigated and resolved firewall misconfigurations, policy gaps, and connectivity failures in complex multi-site environments.
- Core platforms: SonicWall, Fortinet, ExtremeCloud IQ.

NOC Engineer | [ADT Cybersecurity SMB](#)

November 2018 - July 2021 · Remote

- Provided 24/7 inbound support for SMB customers facing active security incidents, network outages, and firewall configuration needs.
- Spearheaded rapid deployment of Secure Remote Access solutions for customers transitioning to remote operations during COVID-19.
- Delivered in-depth technical onboarding and mentorship to new NOC team members.
- Core platforms: SonicWall + GMS, FortiGate, Cisco ASA Firepower with FMC, Netgear managed switches, enterprise Wi-Fi.

Systems Administrator | [NWG Solutions](#)

August 2015 - August 2018 · Charlottesville, VA

- Systems Administrator (1.5 yrs): Delivered full-stack MSP support for SMB clients. Led recovery of multiple ransomware-compromised environments via bare-metal server restore. Authored proof-of-concept recovery runbooks and prevention documentation. Daily scope covered AD, DHCP, DNS, LDAP, Exchange, Office 365, Azure AD Connect, SSL VPN, and SQL-backed applications.
- NOC Administrator (1.5 yrs): Sole NOC employee responsible for 200+ servers and 2,000+ workstations. Built Dell hardware monitoring improvements, custom Synology NAS monitoring via SNMP, and managed StorageCraft/BackupExec backup infrastructure. Developed a fully automated Group Policy startup script for managed services software deployment; documented end-to-end. Trained successor before transitioning to field work.

Co-Founder & Computer Technician | [CvilleITPros](#)

January 2014 - August 2015 · Charlottesville, VA

- Co-founded an IT services company supporting small businesses, residential clients, and university customers in the Charlottesville area.

CERTIFICATIONS

Fortinet: NSE 7 - SD-WAN · NSE 4 - Network Security Professional

SonicWall: Network Security Administrator (SNSA)

Cylance: Certified Administrator

EDUCATION

Associate of Science, Computer Science

Piedmont Virginia Community College · 2013 - 2014