



RANDY MILLER

NETWORK INFRASTRUCTURE PROFESSIONAL

CONTACT

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SKILLS

- Network Deployment & Infrastructure
- Azure / AD / Intune / Entra ID Administration
- Structured Cabling & Layer 1-3 Troubleshooting
- Automation (PowerShell, Python, C++, SQL)
- Hybrid Cloud Management
- AI & Workflow Automation Integration
- Technical Documentation
- Cross-Team Collaboration
- Project Coordination

LANGUAGES

- English (Fluent)
- German (Basic)

CERTIFICATIONS

compTIA SYO-601

Mar 2024 : HTNWE66RBMQ1QZG4

compTIA N10-009

Nov 2025 :



PROFILE

IT and Network Infrastructure Specialist with 6+ years of experience across enterprise, MSP, and hyperscale data center environments. Proven track record leading large-scale network deployments, automating system workflows, and securing hybrid cloud infrastructures. Experienced with AWS data center networking, Azure/Entra/Intune ecosystems, and full-stack automation using C++, Python, PowerShell, and SQL. Adept at solving high-impact technical challenges, improving operational efficiency, and supporting AI-driven compute environments.



WORK EXPERIENCE

Amazon Web Services (AWS) (Full-Time) JUN 2025 - CURRENT
Network Deployment Build Lead

- Lead on-site network deployment and infrastructure implementation across multiple AWS data center locations supporting AI and cloud compute growth.
- Coordinate with engineering, operations, and external vendors to execute structured cabling, patching, and network buildouts aligned with AWS standards.
- Maintain strong adherence to data center safety, redundancy, and scalability best practices.

Global Tech Solutions LLC (Contract) Jun 2019 - Nov 2025
Remote Support Engineer

- Delivered remote and onsite support for client site acquisitions, ensuring smooth transitions into MSP-managed environments.
- Handled network installation, configuration, and deployment for new and existing clients with emphasis on scalability and security.
- Integrated and maintained environments leveraging Azure, Office 365, Intune, Entra ID, and Active Directory.

Diversified Technology Corp (Full-Time) Sep 2024 - May 2025
Help Desk Support Technician

- Handled high call volume, trained new employees, and supported onboarding processes.
- Led internal improvement efforts through automation, documentation, and cross-team collaboration.
- Designed automation solutions using PowerShell, C++, Python, SQL, and Visual FoxPro (VFP) to enhance efficiency and reduce operational overhead.



EDUCATION

Bachelors of Information, Science, and Technology 2020 - 2024
Pennstate University
GPA: 3.4 / 4.0

Continued Education on HacktheBox 2024 - Current
Hack the Box Academy