

Nathan Carpenter

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SUMMARY

A highly motivated game changer who is actively working in a critical infrastructure, always ensuring maximum uptime, efficiency, and compliance.

RELEVANT SKILLS

Windows & Linux Server Administration (WS 2012+, Ubuntu), Networking (Meraki, Cisco), Cloud (Azure, Entra ID, M365), VoIP systems (Nextiva), Databases (MS SQL Server, Cosmos DB)

RELEVANT EXPERIENCE

Systems Administrator | Cattaraugus County Bank | Summer 2024

- Provided IT support for 60+ staff members across 7 branches as a single point-of-contact
- Implemented highly available networking with 99.99% uptime during tenure
- Managed virtualized environment for stateless workloads using Azure compute
- Supervised DR testing and Veeam backup jobs to stay ahead of incidents
- Created and configured redundant MS servers for AD DS, AD CS, DHCP, DNS, and NPS
- Used Intune/GPOs to gracefully push policies, patches, and applications in a pilot rollout
- Utilized PS scripting to automate Entra onboarding and vital infrastructure notifications
- Decreased customer calls to voicemail by 95% introducing call centers and overflow groups
- Built an enterprise SQL database from ground-up for tracking employee system access
- Minimized lockouts and maximized efficiency with Entra ID SSO and certificate-based auth

NOTABLE PROJECTS

Wi-Fi Hardening

- Removed insecure internal Wi-Fi and replaced with RADIUS
- Used EAP-TLS, pushing certificates via AD CS & group policy
- Configured HA NPS and CRLs for security and reliability
- Provided segmented Wi-Fi access for employee mobile devices
- Mobile Wi-Fi provided via Intune policy

Device Imaging Overhaul

- Utilized MDT to create golden images for all department devices minimizing IT workload
- Created PS scripts to automate software installations during OS installation
- Onboarded Intune automatically for domain-joined devices for general management

EDUCATION

B.S. | Computer Science
Empire State College
GPA: 3.89

A.S. | Computer Science
Jamestown Community College
GPA: 3.50

CERTIFICATIONS

CompTIA Network+ (2025), AZ-900 (2025), AIT (2022), TestOut Network Pro (2021), TestOut PC Pro (2020)