

Nick Corley

SYSTEMS ENGINEER

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sliceapp.info 

Nashville, TN 

About

Performance-driven Systems and Cloud Engineer with extensive experience designing, deploying, and optimizing mission-critical enterprise infrastructure across Microsoft Azure and hybrid environments. Proven track record of managing complex virtualized workloads, implementing automated infrastructure deployments, and managing high-availability networks. Combines an automation-first mindset with deep expertise in firewall security, advanced monitoring, and Tier 3 escalation support to ensure platform reliability and security compliance.

Work Experience

Systems Engineer

2023 — Present

Concept Technology Inc.

Nashville, TN

- Azure & Virtualization Operations: Deploy, optimize, and manage enterprise Azure Virtual Desktop (AVD) environments utilizing Nerdio; maintain complex Hyper-V virtualized environments with a focus on high availability and seamless data migrations.
- Tier 3 Incident Escalation: Act as the primary escalation tier for complex, platform-level infrastructure and network incidents, consistently meeting SLAs and driving root-cause analysis (RCA).
- Network Infrastructure & Security: Manage complex WAN/LAN topologies, configuring firewalls, advanced access control lists (ACLs), and secure multi-subnet environments.
- Proactive Monitoring: Architect enterprise monitoring strategies via PRTG and ConnectWise Automate to capture real-time performance logging, infrastructure health metrics, and automated alerts.

Lead Infrastructure & Architecture Consultant (Contract - Part-Time)

2025 — Present

Card Cove USA

Nashville, TN

- Production Platform Delivery: Direct end-to-end infrastructure, domain routing, and systems architecture decisions for a mission-critical platform environment (Card Cove USA) from prototype to scalable production deployment.
- Web & Network Optimization: Configure and secure reverse proxy infrastructures for isolated subdomains, ensuring high availability, traffic isolation, and low-latency performance
- Virtual Machine & Server Architecture: Designed and provisioned the virtual machine infrastructure hosting the core web application servers, optimizing compute, storage, and resource allocation to ensure high availability and stability.

Advanced Support Analyst

2022 — 2023

FrontGate Technology Solutions

Nashville, TN

- Cloud Deployment: Successfully provisioned and deployed enterprise applications across physical bare-metal hardware and Microsoft Azure environments.
- High-Availability Architecture: Implemented cloud-based traffic engineering and high-availability routing strategies using Azure Traffic Manager.
- Infrastructure Security: Administered critical network security architectures, handling production SonicWall firewall rulesets, secure SSL VPN access, and multi-site connectivity.

Projects

Slice Network Probe (ICMP and SNMP Monitoring)

2025 — Present

Desktop Application

sliceapp.info/slice-desktop

Developed a modular network monitoring platform using Electron and Node.js. This app uses a sensor-based architecture for real-time infrastructure monitoring.

Connect Audit (Security & Compliance Utility)

2026

Desktop Application

sliceapp.info/connect-audit

Architected a standalone compliance and security tool that utilizes Microsoft Graph API to streamline directory auditing, providing administrators with immediate visibility into Active Directory hierarchies, SharePoint file share permissions, and ACL configurations.

Skills

Infrastructure & Cloud: Microsoft Azure, Hyper-V, Azure Virtual Desktop (AVD), Nerdio, Windows Server, Virtual Machine (VM) lifecycle management.

Automation & Scripting: PowerShell, Bash, Infrastructure provisioning, Automated VM lifecycle operations.

Networking & Security: Sophos Firewall, SonicWall Firewalls, Inter-VLAN routing, ACLs, SSL/IPSec VPN, DNS, DHCP, NAT policies

Monitoring & Operations: PRTG Network Monitor, ConnectWise Automate, Log/Alerting configurations, Tier 3 Incident Management, Root Cause Analysis (RCA).