James Travis Back

Network & Systems Engineer, Software Developer
North Las Vegas, NV
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Profile

Engineer with a background in software, systems, and infrastructure. Focused on network reliability, virtualization, automation, and troubleshooting. Calm under pressure. Precise by habit.

Core Capabilities

Routing & Switching · VLANs · Subnetting · DNS · DHCP · VPN · Firewall Concepts · Linux · Windows · Windows Server · macOS · VMware vSphere · Automation (C#, PowerShell, Bash) · Monitoring · Diagnostics · Incident Response

Experience

Slot Technician II
Crawford Coin / Green Valley Grocery
Henderson, NV
2025–Present

- Troubleshoot networked gaming, and embedded systems across multiple retail sites.
- Diagnose hardware, connectivity, and system failures under uptime constraints.
- Perform secure audits, installations, and component-level repairs.

Software Development Lead (Infrastructure Focus)
CompuOne
San Diego, CA
2022–2024

- Supported virtualized environments and networks using VMware vSphere for development and testing.
- Built containerized systems with Docker and Kubernetes for internal services.
- Implemented CI/CD pipelines to standardize deployments and reduce manual intervention.
- Created automation tooling to improve system consistency and reliability.

Technical Consultant
Lanza Learning Consulting
Renton, WA
2020–2023

- Supported small-business networks, servers, and workstations.
- Resolved routing, DNS, DHCP, and connectivity issues.
- Assisted with infrastructure upgrades.

Systems / QA Engineer
NVIDIA
Redmond, WA
2012–2017

- Managed a networked GPU validation lab supporting Windows RT platforms.
- Built and maintained custom test systems and internal networks.
- Automated deployments, reducing configuration time by 85%.
- Delivered live diagnostic data to engineering teams.

Education

Bachelor of Applied Science — Software Development (Cum Laude)
Green River College

Associate of Applied Science — Computing & IT (Internetworking)
College of Southern Nevada

Current Focus

Network engineering fundamentals · infrastructure automation · reliability