JAMES TRAVIS BACK
4812 Crystal Sword St
North Las Vegas, NV 89031
travisback@icloud.com • 206-940-2628

NETWORK / SYSTEMS ENGINEER

Network and infrastructure engineer with hands-on experience supporting virtualized environments, networked systems, hardware diagnostics, and automation. Background spans VMware vSphere, Windows and Linux systems, TCP/IP networking fundamentals, lab environments, and infrastructure troubleshooting. Strong operational mindset with experience maintaining uptime, diagnosing complex failures, and supporting distributed systems.

TECHNICAL SKILLS

Networking: TCP/IP, DNS, DHCP, VLANs, Routing & Switching fundamentals, VPN concepts, Firewall fundamentals, Network troubleshooting

Systems & Infrastructure: VMware vSphere, Windows Server, Ubuntu/Linux, MacOS, Active Directory fundamentals, Virtual lab environments

Automation & Tooling: C#, PowerShell (basic), Bash (basic), Git, CI/CD pipelines

Monitoring & Diagnostics: WinDbg, Postman, SQL Server, Log analysis, Jira, ServiceNow

Containers & DevOps (Supporting): Docker, Kubernetes, GitHub Actions, Azure DevOps Server

Hardware: Server/workstation builds, GPU systems, embedded systems, board-level repair

---

PROFESSIONAL EXPERIENCE

Slot Technician II

Crawford Coin / Green Valley Grocery – Henderson, NV
March 2025 – Present

- Troubleshoot and repair networked gaming machines, ATMs, and payment systems across multiple retail locations.
- Diagnose hardware, connectivity, and system faults under uptime and security constraints.
- Perform installations, system audits, and component-level repairs, including minor soldering.
- Follow strict operational and compliance procedures for regulated environments.

Software Development Lead (Infrastructure & Systems Focus)
CompuOne – San Diego, CA
July 2022 – June 2024

- Administered VMware vSphere virtual environments supporting development and testing workloads.
- Built and maintained containerized services using Docker and Kubernetes.
- Implemented CI/CD pipelines to standardize deployments and reduce manual configuration errors.

- Supported infrastructure modernization efforts across on-prem and hybrid environments.
- Developed automation tools to improve system reliability and operational consistency.

Technical Consultant / IT Infrastructure Support

Lanza Learning Consulting – Renton, WA
July 2020 – May 2023

- Supported small-business network and system environments, including routing, switching, Wi-Fi, and workstation deployments.
- Troubleshot DNS, DHCP, connectivity, and ISP-related issues.
- Assisted with server setup, infrastructure upgrades, and cloud transitions.
- Provided documentation and operational guidance to non-technical stakeholders.

QA Engineer / Systems Lab Engineer

NVIDIA – Redmond, WA
February 2012 – March 2017

- Managed a networked hardware validation lab for GPU drivers and Windows RT devices.
- Built and supported custom systems, servers, and internal test networks.
- Created automation scripts reducing deployment and configuration time by 85%.
- Maintained custom networks streaming live diagnostic data to NVIDIA and Microsoft engineers.
- Performed system-level debugging, monitoring, and hardware/software integration testing.

Additional QA Engineering Experience

MIWG • Keywords Studios • TrialCard
2018 – 2022

- Conducted backend and API testing in networked environments using SQL Server and Postman.
- Supported Jenkins CI pipelines and automated test infrastructure.
- Validated applications across mobile and desktop platforms under varied network conditions.

EDUCATION

Bachelor of Applied Science – Software Development (Cum Laude)
Green River College – Auburn, WA

Associate of Applied Science – Computing & IT (Internetworking Technologies)
College of Southern Nevada – North Las Vegas, NV
Relevant coursework: CCNA, Routing & Switching, PC Maintenance, A+