

WADE WILSON

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CLOUD ENGINEER

SUMMARY QUALIFICATIONS

Cloud Engineer with 3+ years of hands-on experience designing, deploying, and securing infrastructure across Azure and AWS, built on a systems administration foundation spanning Windows and Linux environments. Skilled in PowerShell, Python, and Bash automation, infrastructure-as-code (Terraform, Bicep), and CIS benchmark hardening. Experienced with Docker containerization, patch management, and cloud-native architecture with an emphasis on scalability, security, and operational efficiency.

CORE COMPETENCIES

Cloud Infrastructure Management • Automation & Scripting (PowerShell, Bash, Python) • Linux & Windows Server Administration • Docker & Containerization • Vulnerability Management & Patch Automation • Active Directory & DNS Management • Technical Troubleshooting & Incident Response • DevOps Practices & CI/CD Familiarity • Infrastructure as Code (IaC) Principles • Customer-Focused IT Solutions • Cybersecurity Best Practices • Distributed Systems & Networking Fundamentals • Terraform • BICEP

TECHNICAL SKILLS

Azure, AWS (EC2, S3, FSx, Kinesis, RDS, DataSync), Microsoft Windows Server, Ubuntu, Kali Linux, Fedora, PowerShell, Bash, Python, Docker, Hyper-V, Proxmox, WSL2, VirtualBox, SSH, UFW, Postfix, DNS, DHCP, TLS, SMB, NACLs, Security Groups, SQL, Azure Storage, FSx, OpenVAS, Cyberhaven, Fail2ban, Cron, HTML, CSS, Apache2, Microsoft 365 Administration, Intune,

PROFESSIONAL EXPERIENCE

Cloud Engineer

Arlington, VA

TSI VA (EJF Capital LLC) March 2023 - Present

- Led Microsoft 365 tenant-to-tenant migration for 20 users, including Exchange Online mailboxes, Sharepoint sites, OneDrive data, and Teams, with zero data loss and minimal downtime.
- Engineered and deployed a production-grade Cyberhaven alerting system on Ubuntu Server, leveraging Postfix, Bash, and Python to deliver real-time email alerts to the CTO, automating threat visibility and reducing reliance on manual portal checks by over 90%.
- Provisioned and maintained a self-hosted OpenVAS/Greenbone vulnerability scanning server with automated cron jobs for continuous updates, enhancing security posture across cloud-linked infrastructure with weekly scan insights.
- Administered Linux-based infrastructure, implementing UFW firewall rules, SSH key management, and automated patching via Unattended Upgrades, aligning with cloud security best practices and minimizing manual intervention.
- Developed scalable Python automation tools to scrape and archive content from internal EJF websites, exporting to HTML and PDF formats for long-term cloud storage and audit compliance.
- Automated DNS configuration backups using PowerShell, scripting a daily task to extract and preserve external DNS records, ensuring cloud DNS continuity and rollback readiness.
- Architected and executed Azure cloud migration for 10+ on-premises VMs, achieving 40% infrastructure footprint reduction and zero unplanned downtime through meticulous planning, testing, and phased cutover strategy.
- Developed modular Bicep infrastructure-as-code templates for Azure VM, networking, and security deployments, reducing provisioning time from hours to 5-10 minutes while eliminating configuration drift and manual errors.

Facility Operations Center Support Engineer II

Sterling, VA

AMAZON WEB SERVICES (AWS) June 2018 – April 2022

- Monitored the global data center and Amazon facilities infrastructure platform, ensuring the smooth operation of various computer equipment.
- Maximized online system availability, automated processes, and managed tasks efficiently in a 24/7 environment.
- Managed HVAC, electrical/energy, airflow, and fire/safety systems to uphold equipment efficiencies and reliability.
- Completed all necessary reports, logs, and records to accurately document equipment and systems, promptly reporting equipment failures. Assisted in developing external and internal communications and coordinated emergency recovery efforts, escalating matters requiring advanced solutions or guidance in virtualization
- Conducted highly complex and technical special assignments, devising alternative strategies to accomplish specific objectives.

Data Center Technician 3

Sterling, VA

AMAZON WEB SERVICES (AWS) December 2017 – June 2018

- Performed preventative maintenance on equipment and data network devices within Amazon S3, managing tight spaces, cables, and security enhancements, participating in building projects, and utility checks for optimal functionality.
- Monitored the operation of all network processes, collaborating directly with the engineering department to resolve complex problems and distributed computing tasks as needed, while implementing operational excellence and driving process improvement initiatives.
- Demonstrated proficient troubleshooting skills and extensive working knowledge of Linux and Windows Operating Systems in x86 or x64 systems, including remotely accessing cloud servers to diagnose and resolve critical or escalated technical issues affecting equipment.
- Provided real-time support to clients and colleagues, promptly troubleshooting problems as they arose, and imparting knowledge to other data center personnel on effectively troubleshooting hardware, software, and automation scripts to ensure the smooth execution of routine tasks.

Hardware Build Technician

Warrenton, VA

GREYSTONE IT September 2016 – December 2017

- Managed operational activities to ensure efficient customer support, promptly resolving issues and providing immediate solutions.
- Evaluated technology against established standards and recommended solutions to guarantee compatibility with client machines.
- Implemented the ServiceNow ticketing system to address client inquiries effectively, collaborating directly with engineers to test and troubleshoot System Center Configuration Manager (SCCM).
- Utilized MaaS360 Mobile Device Management to configure client iPad and LG tablets for optimal performance.
- Oversaw the deployment of Linux or Microsoft computers at various Greystone locations as required

General Store Manager/Lead Computer Technician

Fredericksburg, VA

ROCKIT REPAIRS August 2013 – September 2016

- Led business operations, managing workforce dynamics, devising solutions for intricate corporate issues, leveraging data analysis and process enhancement to drive performance advancements, and establishing policies to achieve objectives.
- Demonstrated proficiency in administering collaborative customer care services, meticulously addressing technical issues such as antivirus or malware program installations, hard drive reformatting, operating system installations or reinstalls, hardware replacements, and networking operations.

EDUCATION

Western Governor's University

Graduated | 2025

Bachelors of Science in Cloud Computing

CERTIFICATIONS

CompTIA | A+ | Network+ | Security+ | Cloud+ | Project+

AWS | Certified Cloud Practitioner | Solutions Architect - Associate

Microsoft AZ-900: Azure Fundamentals | AZ-204: Azure Developer Associate

ITIL 4 Foundation Certificate in IT Service Management

LPI Linux Essentials