Reed McFadden

TS/SCI • linkedin.com/in/reed-mcfadden • github.com/reedmcfadden • reedmcfadden.github.io/resume

Summary

DevOps/Linux engineer specializing in automation, secure infrastructure, and cloud systems. Experienced with RHEL, Ansible, Terraform, AWS, GitLab CI/CD, virtualization platforms, and DoD secure environments. Passionate about building reliable, hardened, automated Linux systems.

Technical Skills

- Red Hat Certified Engineer (RHCE), Red Hat Certified System Administrator (RHCSA), CompTIA Security+, AWS Cloud Practitioner
- Linux (RHEL, Rocky), VMWare vSphere, VMWare ESXi, Docker, KVM, Podman, Proxmox
- Ansible, YAML, Git, Bash, CI/CD
- AWS, Terraform, GitLab CI/CD, cloud automation
- STIGs, SELinux, PKI, security hardening
- Grafana, Loki, Promtail, Telegraf, InfluxDB

Experience

Linux Engineer
General Dynamics Mission Systems (GDMS)
September 2025 – Present

- Maintained and automated secure Linux systems.
- Implemented configuration and monitoring improvements.

Principal Systems Administrator
BAE Systems
March 2025 - June 2025

- Hardened RHEL systems and performed compliance automation.
- Supported secure workstation configuration workflows.

Linux Administrator
Stratascorp
September 2024 - February 2025

- Performed RHEL STIG scanning, patching, and remediation.
- Maintained DoD server configurations and reporting.

Software Engineer II
Assured Information Security (AIS)
August 2022 - March 2024

- Developed hardened Linux workstation components.
- Built log-forwarding tools in Go/Python for secure systems.

Computer Scientist
United States Air Force
July 2020 - August 2022

- Enhanced software supporting fighter aircraft operations.
- Resolved critical data-processing and system stability issues.

Education

Southern Arkansas University
M.S. in Computer and Information Science
Expected: December 2025

Utah Valley University
B.S. in Computer Science (GPA: 3.6 / 4.0)
April 2020