

Reed McFadden

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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

- **Certificates:** Red Hat Certified Engineer (RHCE), Red Hat Certified System Administrator (RHCSA), CompTIA Security+, AWS Cloud Practitioner
- **Operating Systems & Virtualization:** Linux (RHEL, Rocky), VMWare vSphere, VMWare ESXi, Docker, KVM, Podman, Proxmox
- **Automation & Scripting:** Ansible, YAML, Git, Bash, CI/CD
- **Cloud & Infrastructure as Code:** AWS, Terraform, GitLab CI/CD, cloud automation
- **Security & Compliance:** STIGs, SELinux, PKI, security hardening
- **Monitoring & Observability:** 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: 3.63)

April 2020