Reed McFadden

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Summary

DevOps/Linux engineer skilled in automation, secure infrastructure, and cloud technologies. Experienced with RHEL, Ansible, virtualization platforms, and DoD secure environments.

Qualifications

- **Clearance:** TS/SCI
- **Certificates:** Red Hat Certified Engineer (RHCE), Red Hat Certified System Administrator (RHCSA), CompTIA Security+, AWS Cloud Practitioner
- **Operating Systems and Virtualization:** Linux (RHEL, Rocky), VMWare vSphere, VMWare ESXi, Docker, KVM, Podman, Proxmox
- **Automation and Scripting:** Ansible, YAML, Git, Bash, CI/CD
- **Security and Compliance:** STIGs, SELinux, PKI, security hardening

Experience

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

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

Principal Systems Administrator   March 2025 - June 2025
BAE Systems

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

Linux Administrator   September 2024 - February 2025
Stratascorp

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

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

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

Computer Scientist   July 2020 - August 2022
United States Air Force

- 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 Dec 2025

Utah Valley University
B.S. in Computer Science — 2020