

# Jonathan Halfhide

Active Top Secret Security Clearance

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## RELEVANT CERTIFICATIONS & SKILLS

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- **Certifications:** AWS Solutions Architect Pro & DevOps Engineer Pro, Certified Kubernetes Administrator (CKA), Red Hat Certified Engineer (RHCE) & System Administrator (RHCSA), CompTIA Security+, Certified Cisco Network Associate (CCNA)
- **Skills:** AWS, Linux, Kubernetes, Scripting/Automation (Python, Bash, Powershell, Ansible), DevOps, IaC (Terraform/CDK/CloudFormation), Observability (CloudWatch/Grafana/Prometheus/Splunk), CI/CD (git), Cybersecurity, Networking

## RELEVANT WORK EXPERIENCE

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### Systems Administrator | CACI International Inc. | Remote (FL) | Jan 2025 - Present

- Engineer, manage, and optimize a hybrid AWS/on-premises Linux infrastructure with over 75 servers for the USMC.
- Reduce AWS costs by \$50K per month through service integrations, right-sizing, and environment optimization.
- Implement IaC using Terraform, CloudFormation, and Ansible to automate 200+ resources across 4 environments.
- Automate Red Hat Linux system administration (configuration, patching, hardening) using Bash, Ansible, Python.
- Lead multi-tier (db, app, auth, web) cloud-to-cloud app migration, improving availability, reliability, and maintainability.
- Build Kubernetes observability platform using Prometheus/Grafana, integrating AWS CloudWatch and SNS alerting.
- Containerize workloads with Kubernetes/ECS for testing, administration, and legacy application support.
- Provide AWS solutions architecture, engineering, and Linux systems administration for AI/ML teams.
- Support agile deployments through infrastructure provisioning, troubleshooting, and release implementations.

### Information Assurance Engineer | General Dynamics Mission Systems | Cape Canaveral, FL | May 2024 - Jan 2025

- Administered mission-critical RHEL systems for the U.S. Navy, managing reliability, IAM, and configuration management.
- Developed automated STIG hardening, patching, and vulnerability scanning workflows integrating Nessus for compliance.
- Automated provisioning and configuration management using Ansible, Bash, and Python, reducing configuration drift.
- Built Splunk dashboards for observability and alerting, reducing MTTR across compute, storage, and network layers.

### Systems Administrator | RGNNext (Raytheon/General Dynamics) | Cape Canaveral, FL | June 2023 - May 2024

- Administered mission-critical distributed Red Hat Linux/Unix infrastructure for DoD and commercial launch operations.
- Engineered Bash and Python automation for monitoring and maintaining 40+ geographically dispersed sensor sites.
- Performed system troubleshooting, configuration, and upgrades across application, database, and network layers.
- Executed backup, security assessments, and vulnerability remediation to ensure compliance with DoD IA requirements.

### IP Network Operations Specialist | L3Harris Technologies | Melbourne, FL | Feb 2023 - June 2023 (Sub-Contract)

- Supported FAA telecommunications infrastructure maintaining 99.999% uptime SLA across 4000+ sites nationwide.
- Resolved critical software, hardware, and networking incidents through coordination with carriers and internal teams.
- Securely configured Cisco network infrastructure, supporting mission-critical air traffic communications.

### Network Operations Center Specialist II | Health First | Rockledge, FL | June 2022 - Feb 2023

- Supported critical infrastructure for 4 hospitals and 60+ medical facilities with 24/7 incident response and management.
- Developed Python automation for operational workflows including web scraping, data processing, and administration.
- Managed 10,000+ Active Directory and Azure AD accounts, troubleshooting authentication and anomalous login activity.

## EDUCATION

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### BS, Network Engineering and Security

Western Governors University

2023

Salt Lake City, Utah

### MS, Computer Science

Western Governors University

Expected 2026

Salt Lake City, Utah