

Jonathan Halfhide

Active Top Secret Security Clearance

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RELEVANT CERTIFICATIONS & SKILLS

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

RELEVANT WORK EXPERIENCE

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

- Architect, administer, and optimize AWS environments (EC2, Lambda, SNS, EventBridge, IAM, FSx, SageMaker).
- Automate system administration workflows (patching, hardening, troubleshooting) with Bash, Ansible, and Python.
- Implement IaC with Terraform, AWS CDK, CloudFormation, and Ansible to automate provisioning and configuration.
- Lead multi-tier (db, app, auth) cloud-to-cloud application migrations, ensuring minimal downtime and improved scalability.
- Build and maintain observability stack with Prometheus/Grafana, developing custom dashboards and SNS alerting.
- Reduce AWS costs by \$50K per month through service integrations, right-sizing, and environment optimization.
- Containerize workloads with Docker for testing, streamlined package management, and legacy application support.
- Support AI/ML initiatives on AWS by providing solutions architecture and systems administration for data science teams.
- Enable Agile development lifecycles with Git-based version control and cross-functional team collaboration

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

- Maintained security controls and documentation to ensure infrastructure compliance without impacting uptime.
- Automated hardening, patching, and vulnerability scans (STIGs, Nessus, etc.) to reduce drift and improve reliability.
- Streamlined provisioning and configuration across environments with Ansible, Bash, Python, and PowerShell.
- Served as SA for hybrid Windows/RHEL infrastructure, owning reliability, IAM, and configuration management.
- Reduced MTTR through root-cause analysis across compute, storage, and network systems.
- Scaled Splunk for observability, creating dashboards and alerts to accelerate incident response.

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

- Automated systems administration workflows with Python, Bash, and PowerShell.
- Administered Linux/Windows/Unix systems supporting Eastern Range launch operations—both public and private.
- Performed hardware, software, and networking troubleshooting, configuration, installation, and upgrades.
- Documented system events, performed backups, and conducted IA Assessments.

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

- Provided support for FAA Telecommunications Infrastructure, ensuring 99.999% uptime across 4000+ sites.
- Resolved software, hardware, and networking issues with local carriers and internal teams.
- Troubleshot WAN/LAN protocols and securely configured Cisco routers, switches, and networking devices.

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

- Implemented Python scripts and programs for web scraping, data entry, and automation.
- Supported critical infrastructure for 4 hospitals and 60+ medical facilities providing incident response/management.
- Managed 10,000+ Active Directory/Azure AD accounts as well as troubleshot anomalous user login activity in Azure.

EDUCATION

BS, Network Engineering and Security

Western Governors University

2023

Salt Lake City, Utah