

MICHAEL URREA

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TOP SECRET/SCI Clearance (SCI adjudicated 04/2018)

PROFESSIONAL SUMMARY

TS/SCI-cleared Systems Engineer with 15+ years of cleared IT experience, including 10 years of Linux engineering and field deployments. Specialized in deploying cloud-native and containerized platforms in air-gapped and classified networks. Deep expertise in Infrastructure-as-Code with Terraform and Ansible

PROFESSIONAL EXPERIENCE

Prime Technical Services

04/2024 – Present

DevOps Engineer – Technical Architecture Team (TAT)

- Design, test, and deploy Terraform and Ansible Infrastructure-as-Code for AWS IL2 and IL5 environments
- Prepare air-gapped packages for on-prem deployments
- Author reusable Ansible roles and playbooks adopted by deployment teams, reducing manual deployment effort by 80%
- Build and deploy containerized applications with Podman to RKE2 and OpenShift clusters using GitLab CI/CD
- Run ACAS scans and remediate findings to maintain the security posture of cloud and on-prem environments
- Configure and manage PostgreSQL, AuroraDB, and GreenPlum databases
- Write technical deployment guides used by teams across multiple organizations

Intelligent Waves

01/2020 – 03/2024

Systems Engineer – Engineering Services

- Designed, configured, and installed a full DevOps platform (GitLab + Kubernetes) from bare metal for classified networks
- Installed and configured various host servers including Dell, HPE, UCS, and Nutanix
- Served as Ansible SME, delivering custom playbooks and roles for recurring deployments and configuration tasks
- Deployed Hypori virtual mobility at various customer sites
- Hardened systems to DISA STIGs for Air Force and Space Force customers; performed daily ACAS SecurityCenter scans
- Managed vCenter HA clusters (ESXi 6.7/7.0), including NSX configuration and migration
- Installed and configured centralized logging with Graylog, Splunk, Exabeam, and the ELK stack
- Installed and configured various network equipment including Cisco Catalyst/Nexus/ASA, Dell Force10, and Aruba
- VMware Horizon deployments in closed networks
- Deployed big data systems including Hadoop, Spark, and CHEETAS
- Implemented Puppet for configuration management across multiple open and closed networks
- Installed and configured various network equipment including Cisco Catalyst/Nexus/ASA, Dell Force10, and SonicWall

NCI Inc.

09/2018 – 12/2019

Sr. Systems Engineer – Enterprise Service Management System (ESMS)

- Built and maintained the full lab infrastructure used to validate patches and updates before production release
- Prepared and submitted Risk Management Framework (RMF) packages for the entire BMC Remedy infrastructure
- Deployed AWS EC2 and S3 workloads and implemented an automated backup solution using S3 and Lambda
- Installed and configured F5 BIG-IP LTM load balancing and deployed application updates
- Hardened all systems — infrastructure, hardware, and software — to DISA STIGs

Arctic Slope Mission Services

09/2016 – 08/2018

Principal Systems Engineer – Intelligence Battle Laboratory

- Provisioned, secured, and maintained lab infrastructure spanning multiple classified and unclassified networks
- Migrated 50+ Windows desktops from Windows 7 to Windows 10 using Snap Deploy, saving 240+ labor hours
- Installed and managed OneSAF cluster software on AWS, optimizing resources with CloudWatch
- Integrated commercial technologies into DOD networks, including Google Earth, ArcGIS, MAK, and Guacamole
- Managed Hyper-V clusters (Server 2012 R2 Datacenter) and six NetApp FAS2552 SANs across multiple networks

EARLIER EXPERIENCE

I.C.E., Inc. — Systems Engineer, Intelligence Battle Laboratory	02/2016 – 09/2016
General Dynamics — Systems Administrator, NETCOM	10/2011 – 02/2016

TECHNICAL SKILLS

IaC & Automation: Terraform, Ansible, Puppet, Bash

Containers & Orchestration: Kubernetes (RKE2), OpenShift, Rancher, Docker, Podman, Longhorn

CI/CD & Version Control: GitLab CI/CD, ArgoCD, Jenkins, Git, GitHub, Bitbucket

Cloud Platforms: AWS (EC2, S3, RDS, IL2/IL5), Azure (GCC High, VMs, Blob Storage, Functions)

Virtualization: VMWare ESXi, Nutanix, Proxmox

Security & Compliance: DISA STIGs, ACAS, RMF, IAM, VPC/Security Groups, VPN, PKI, encryption

Operating Systems: RHEL, CentOS, Debian, Windows Server, macOS

Monitoring & Logging: Prometheus, Grafana, Elastic/ELK, Splunk, Graylog, CloudWatch

Databases: PostgreSQL, AuroraDB, MySQL, Microsoft SQL Server, GreenPlum

CERTIFICATIONS

CompTIA Advanced Security Practitioner (CASP+) CE [exp. 2027] • CompTIA Security+ CE [exp. 2027] • CompTIA Linux+ • Certified Ethical Hacker (CEH) [exp. 2027] • Microsoft Certified: Azure Administrator Associate • MCSE: Core Infrastructure • MCSA: Windows Server 2016 • NetApp Certified Data Administrator (NCDA) • DISA ACAS Certification

EDUCATION

Bachelor of Information Technology (in progress)