Kyle Reneau

Senior Cloud & Infrastructure Engineer | Platform Engineering | Infrastructure Automation

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TECHNICAL SKILLS

Cloud & Systems
Nutanix, NetApp, VMware, AWS, S3, Linux, RHEL, Ubuntu

Infrastructure & Automation
Terraform, Ansible, GitLab CI/CD, Python, Go, PowerShell, Bash

Containers & Orchestration
Kubernetes, OpenShift, Docker, Helm, Container Networking

Networking & Security
LAN/WAN, Firewalls, Zero Trust Networking, Security Hardening, CIS Benchmarks, Compliance Automation

Engineering Process
Agile/Scrum, Jira, Confluence, Feature & Story Definition

SUMMARY

Senior Cloud and Infrastructure Engineer with 10+ years designing, automating, and operating large-scale infrastructure in high-availability environments. Deep experience with Infrastructure as Code, CI/CD pipeline design, Kubernetes and OpenShift platforms, and hybrid cloud architecture. Known for owning infrastructure end-to-end, from architecture through automation to production reliability. Experienced operating in regulated environments and fast-moving engineering organizations.

EXPERIENCE

Senior Cloud Engineer | Raytheon

September 2022 – Present

- Architected and maintained hybrid infrastructure across compute, storage, and networking layers, owning lifecycle management for highly available platforms supporting multiple production clusters.

- Drove Infrastructure as Code adoption using Ansible and Terraform, and built GitLab CI/CD pipelines from the ground up; eliminated manual provisioning and reduced configuration drift across the entire environment.

- Designed multi-tier storage solutions integrating Nutanix, NetApp, and S3-compatible object storage, providing high-availability data services for performance-sensitive workloads.

- Managed full Kubernetes platform lifecycle in an air-gapped environment, enabling internal engineering teams to deploy, scale, and operate containerized workloads while maintaining cluster upgrades and day-2 operations.

- Automated security hardening and compliance enforcement across the platform; implemented configuration baselines equivalent to CIS Benchmarks, reducing audit findings and shrinking the attack surface.

- Led migration from legacy Kubernetes (NKE and NKP) clusters to Red Hat OpenShift in a fully disconnected environment, planning the cutover, migrating all workloads, and maintaining production continuity with zero service interruptions.

- Mentored junior engineers across infrastructure domains and produced Confluence documentation supporting our teams.

System Administrator | Pueblo Water

March 2021 – July 2022

- Modernized a 200-node mixed Windows/Linux infrastructure using Ansible, Python, and PowerShell, replacing ad-hoc manual processes with repeatable, version-controlled automation that reduced deployment time and configuration errors.

- Served as Tier III escalation point and internal SME for infrastructure automation, reliability engineering, and documentation standards.

System Administrator | GEODSS

July 2020 – December 2020

- Automated recurring operational tasks using Bash and Python, improving reliability and reducing time-to-resolution.

- Sole administrator for a complex infrastructure deployment at a geographically remote, isolated site with no on-call backup; maintained 24/7 availability through proactive monitoring and autonomous incident response.

System Administrator | NORAD / USNORTHCOM

January 2020 – July 2020

- Supported complex, high-availability infrastructure in a joint operations environment, working directly alongside Cyber and Operations teams; gained deep experience operating under strict change management and security constraints.

Field Service Technician | CO-DOC GTL

January 2019 – January 2020

- Configured, maintained, and troubleshot secure networking systems across correctional facilities; automated deployment and diagnostic routines to minimize service disruptions.

System Administrator | U.S. Marine Corps

2015 – 2019

- Managed secure IT operations, infrastructure maintenance, and user support in high-tempo, mission-critical environments across multiple deployments.

CERTIFICATIONS

CompTIA Security+

SECURITY CLEARANCE

Top Secret (Active)

EDUCATION

Master of Science in Software Engineering

Western Governors University

Expected 2027