

Kyle Potter

TECHNICAL SITE RELIABILITY ENGINEERING MANAGER

Engineer with 8+ years architecting secure, scalable cloud infrastructure for enterprise and government clients. Deep expertise in FedRAMP and GovCloud environments, AWS, Linux systems administration, security tooling, vulnerability management, and Kubernetes-based microservices. Proven track record delivering compliance-driven automation and Infrastructure as Code across complex and highly audited environments. Currently focused on the secure adoption of AI and agentic workflows to improve developer velocity and engineering outcomes without compromising compliance posture.

WORK EXPERIENCE

Coalfire Systems Inc · Chicago, IL (Remote)

Technical Manager, Site Reliability Engineering

Jul 2025 - Present

- Serve as a technical lead for a large enterprise organization in AWS GovCloud, triaging incoming work and assigning duties to team members based on expertise and capacity. Provide documentation and hands-on guidance to support team delivery.
- Drive technical strategy and project delivery for FedRAMP and DoD IL5 GovCloud environments. Play a lead role in audits by providing evidence and NSS controls for security tooling within the management plane.
- Created and optimized GitLab CI/CD pipelines for continuous deployment of containerized workloads to EKS clusters. Automated deployment of monitoring tooling including Splunk forwarders, Trend Micro, and Nessus agents across infrastructure via pipeline.

Senior Engineer, Cloud Services / Senior Site Reliability Engineer

Aug 2023 - Jul 2025

- Led client workshops evaluating application architecture for FedRAMP Moderate and IL5 High environments. Developed architecture diagrams in Lucid Charts depicting data flow, security and access controls, and ports and TCP protocols.
- Collaborated with architects to design and implement scalable, secure systems meeting FedRAMP requirements. Played a pivotal role in developing company-wide Terraform modules incorporating FIPS endpoints and security best practices.
- Ensured continuous NIST compliance through automated monitoring and remediation using Ansible. Enforced STIGs across infrastructure using the latest DISA playbooks and leveraged Packer for AMI builds incorporating current STIG controls.

2nd Watch · Liberty Lake, WA

Senior Cloud Engineer

Feb 2022 - Aug 2023

- Built and managed AWS cloud infrastructure for McDonald's Managed Services team, supporting environments across 40,000+ locations worldwide.
- Architected AWS Transit Gateway to securely connect 70+ accounts, replacing legacy VPC peering. Implemented Amazon Identity Center with role-based access for 1,000+ users.
- Collaborated with architecture team to establish cloud adoption standards, improving deployment efficiency, patch management, and operational reliability. Built out a company-wide adopted patching solution leveraging AWS patch baselines and AWS Systems manager scheduled maintenance windows.

CloudOps Engineer

Apr 2018 - Dec 2020

- Drove Infrastructure as Code adoption using Terraform and CloudFormation. Deployed Cloud Custodian for compliance, New Relic for monitoring, Qualys for vulnerability scanning, and SentinelOne for endpoint security.
- Developed Python scripts and Lambda functions for multi-region resource automation. Built Bash scripts and Ansible playbooks for consistent Linux configuration management.

Two Barrels · Spokane, WA

Linux Systems Engineer

Dec 2020 - Feb 2022

- Built and maintained open source infrastructure for 500+ employees across Two Barrels, Registered Agents, and Corporate Tools with full autonomy over tooling decisions.
- Deployed scalable systems across AWS and on-premises data centers including email servers, company-wide ticketing systems, and Kubernetes clusters.
- Automated configuration management for 100+ Linux servers using Bash scripts and Ansible playbooks. Configured NGINX web servers and managed containerized workloads.
- Built real-time VPN monitoring dashboard with Python/Django. Collaborated with developers on secure AWS infrastructure including VPCs, security groups, and IAM policies.

CONTACT

📞 (509) 701-5761

✉ kylepotter0902@gmail.com

🌐 www.kylepotter.xyz

📄 [linkedin.com/in/kylepotter92](https://www.linkedin.com/in/kylepotter92)

📄 github.com/kylepottercf

📍 Spokane, WA

SKILLS

CLOUD SERVICES

AWS

GovCloud

EKS

ECS

Fargate

Lambda

IAM

VPC

AWS Identity Center

CloudFormation

Systems Manager

Transit Gateway

Azure

Azure Entra ID

SSO

DEVSECOPS & IAC

Linux

Bash

Python

Containers

Kubernetes

Windows

Terraform

Ansible

GitLab CI/CD

Packer

Jenkins

Terragrunt

GitHub Actions

Flux

ArgoCD

Claude Code

Agentic AI

Lucid Charts

Draw.io

SECURITY TOOLING

Tenable

Trend Micro

Splunk

BurpSuite

Aquasec

Anchore

Prisma Cloud

SentinelOne

New Relic

Qualys

CERTIFICATIONS

- ✓ Google Professional Cloud Security Engineer
- ✓ Certified Kubernetes Administrator (CKA)
- ✓ HashiCorp Terraform Associate
- ✓ AWS Solutions Architect Associate
- ✓ AWS Developer Associate
- ✓ AWS SysOps Administrator Associate
- ✓ AWS Cloud Practitioner