

## Overview

Versatile engineer with over 15 years of relevant experience optimizing secure, scalable, and cloud-native infrastructure. Expert in coding for software and infrastructure deployment, on-the-fly incident troubleshooting across network, system, and application layers, and mentoring team members to drive operational excellence. Proven success in automating deployments for FedRAMP and PCI-DSS compliant environments, reducing mean time to resolution, and fostering cross-functional collaboration to deliver robust systems.

## Key Skills

Cloud and Infrastructure	AWS, GCP, Kubernetes, Terraform, Helm
CI/CD and Automation	Jenkins, GitLab CI, GitHub Actions, Argo, flux
Monitoring and Observability	Prometheus, Thanos, AlertManager, Grafana, Splunk, Loki, Elasticsearch
Security and Compliance	PCI-DSS, FedRAMP, WireGuard, IPsec, OpenVPN
Programming	Go, Python, Ruby, Bash, Git
Core Competencies	Incident Response, Scalability, Cloud-Native Architecture, Cross-Functional Collaboration, Mentorship

## Experience

- Block, Cloud Security Engineer

Frisco, TX (Remote)

2026 - Present

  - Collaborate cross-functionally with multiple product organizations and engineering teams to drive and implement enterprise-wide infrastructure security initiatives.
  - Design and develop robust, scalable security architectures and infrastructure solutions aligned with industry best practices and organizational needs.
  - Consistently deliver high-impact projects on time, meeting aggressive deadlines in a fast-paced environment.
- Cisco Systems, Site Reliability Engineer

Frisco, TX (Remote)

2024 - 2025

  - Architected service re-implementation in Kubernetes with Argo and Helm.
  - Achieved 99.99% uptime for FedRAMP-compliant environments at Moderate and High Impact Levels.
  - Secured Provisional Authorization to Operate (P-ATO) for new environments, enabling \$2-3M in federal contracts.
  - Streamlined deployment pipelines for over 150 component services using GitHub, Kubernetes, and Argo, reducing service onboarding time by more than 50%.

**Schmoll Systems LLC, *President***

Frisco, TX (Remote)

2022 - 2024

- Developed Go-based cloud resource management software, automating infrastructure provisioning for multiple clients across AWS and GCP.
- Reduced client infrastructure costs over 30% through server consolidation and improved autoscaling configurations.
- Mentored client teams in Kubernetes and Terraform, improving their operational effectiveness.
- Led incident response for critical outages, resolving issues within SLAs 98% of the time.

**Salesforce.com (MuleSoft), *Site Reliability Engineer***

Santa Fe, NM (Remote)

2020 - 2022

- Enhanced stability of FedRAMP Moderate Impact Level (IL) GovCloud environments, achieving 99.9% uptime and uplifting to High IL.
- Automated incident remediation workflows, reducing manual interventions by more than 40%.
- Collaborated with development teams to implement cloud-native monitoring with Prometheus and Grafana, improving availability of common Service Level Indicators (SLIs) and establishing useful Service Level Objectives (SLOs).
- Mentored 3 junior engineers in advanced troubleshooting techniques, fostering a culture of proactive incident management.

**Subsplash, *Site Reliability Engineer***

Santa Fe, NM (Remote)

2018 - 2020

- Migrated 20+ Go-based microservices from AWS EC2 instances to AWS EKS, reducing deployment time by 50% and standardized deployments using Terraform, GitLab CI, and Helm.
- Ensured PCI-DSS compliance for payment card processing systems, passing all audits with zero outstanding findings.
- Oversaw and implemented infrastructure consolidation from 3 distinct acquisitions, unifying networking and systems, and scaling infrastructure to handle 200% user growth.
- Trained 10+ developers in Kubernetes best practices, enabling daily production deployments.

**Salesforce.com (Pardot), *Site Reliability Engineer***

Seattle, WA (Remote)

2013 - 2018

- Automated infrastructure deployments with Chef and Terraform, supporting 10+ daily application code deployments in a dynamic environment of more than 50 developers.
- Ensured Salesforce Trust compliance, reducing security vulnerabilities by 25% through proactive monitoring with standard tooling.
- Led cross-functional teams to optimize system performance, improving application response times by more than 50%.
- Mentored junior SREs and built a scalable incident response framework.

**Earlier Career**

- **ServiceNow, *Performance Engineer*** (2012 - 2013): Optimized MySQL database performance for 1000+ instances, improving query response times by more than 25%.
- **SAP Concur, *Unix Systems Engineer*** (2007 - 2011): Managed 100+ Red Hat Linux systems and supported a Hadoop cluster for data mining; assisted with over 1300 servers across multiple sites.
- **Breakwater Security Associates, *Network Engineer*** (2005 - 2006): Responded to network and system outages under strict Service Level Agreements; assisted clients with system modifications and updates.

# Education

**University of Washington**

Bothell, WA

2005 - 2008

- Attained Bachelors of Science in Computing & Software Systems