Gregory Hendrickson

DevOps Engineer | Cloud Infrastructure | Kubernetes

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PROFESSIONAL SUMMARY

DevOps Engineer with expertise in building and operating production cloud infrastructure for healthcare and enterprise environments. Specialized in Kubernetes orchestration, infrastructure as code, and implementing secure, scalable platforms. Proven track record of reducing deployment times, improving system reliability, and driving automation initiatives across hybrid cloud environments.

EXPERIENCE

SysOps/DevOps Engineer
Pluto Health • February 2024 – Present • Remote

- Architected and maintained AWS cloud infrastructure ensuring 99.9% uptime for healthcare applications
- Migrated and reorganized IAM roles, ALBs, security groups, and permission boundaries into structured model for security and developer velocity
- Implemented observability and monitoring using Elasticsearch for centralized logging and search
- Made infrastructure audit-ready using Vanta and Drata, achieving SOC 2 Type II, HIPAA, and ISO 27001 compliance
- Designed and deployed EKS-based Kubernetes platform with Helm charts and ArgoCD GitOps, reducing deployment time by 70%
- Built CI/CD pipelines using GitHub Actions with automated testing, security scanning, and multi-environment deployments
- Led FinOps initiatives reducing operational costs through resource optimization and spend visibility across teams

Cloud Engineer
HCL Technologies • December 2021 – January 2024 • Sacramento, CA (Remote)

- Designed and implemented cloud solutions on Google Cloud Platform (GKE, Cloud Run, BigQuery) for enterprise clients
- Led cloud migration projects, transitioning on-premises workloads to GCP with minimal downtime
- Developed Terraform modules for standardized infrastructure provisioning across multiple environments
- Implemented Elasticsearch-based logging and search infrastructure for application observability
- Collaborated with development teams to optimize application performance and database tuning (PostgreSQL)

Information Technology Associate
California Governor's Office of Emergency Services • March 2021 – August 2021

- Provided IT infrastructure support for state emergency operations and disaster response coordination
- Managed endpoint deployments and user access across distributed government teams
- Supported network infrastructure and mission-critical communications systems

IT Support Specialist
Squaw Valley Ski Holdings (Palisades Tahoe) • September 2018 – March 2021

- Delivered technical support for 500+ seasonal and full-time employees across resort operations
- Managed Active Directory, endpoint imaging, and hardware deployments for distributed locations

• Troubleshot POS systems, network connectivity, and enterprise applications

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EKS, EC2, RDS, S3, CloudFront, WAF, GuardDuty, Security Hub), GCP (GKE, Cloud Run, BigQuery), Terraform, Helm

Container Orchestration: Kubernetes, Amazon EKS, GKE, Helm, Karpenter, Docker, Containerd

Databases & Caching: PostgreSQL, Redis, Elasticsearch

CI/CD & GitOps: GitHub Actions, ArgoCD, Flux, GitLab CI, Jenkins

Observability & Monitoring: Prometheus, Grafana, Elasticsearch, ELK Stack, Alertmanager, Datadog

CDN & Edge: Cloudflare, Fastly, AWS CloudFront

Security & Compliance: SOC 2, HIPAA, ISO 27001, Vanta, Drata, Vault, SOPS, Zero Trust, Tailscale

Languages: Python, Bash, Go, YAML, HCL, SQL, TypeScript

CERTIFICATIONS

Google Cloud: Professional Cloud DevOps Engineer, Professional Cloud Architect, Professional Cloud Security Engineer, Professional Cloud Network Engineer, Associate Cloud Engineer, Cloud Digital Leader

HashiCorp: Terraform Associate (002)

Microsoft: Azure Fundamentals (AZ-900)

CompTIA: A+ ce Certification

EDUCATION

Dakota State University
Network Security and Administration, Network and System Administration • 2014 – 2018

The National Society of Leadership and Success • Leader in Cyber Security Degrees

NOTABLE PROJECTS

Healthcare ML Training Platform
Designed MLOps infrastructure for training healthcare AI models on serverless GPUs. Built pipelines for Drug-Drug Interaction classification (176K samples), Adverse Drug Event detection, and clinical NLP.

Kubernetes Cloud Infrastructure
Built Kubernetes platform on EKS with ArgoCD GitOps, Karpenter autoscaling, and integrated security scanning. Enabled self-service deployments, reducing developer friction.

Enterprise Terraform Foundation
Developed multi-tenant cloud foundation with ABAC, service control policies, and cost optimization. Standardized provisioning across all environments.

Zero Trust Network Architecture
Deployed zero trust using Tailscale mesh, Cloudflare Access, and Authentik IdP. Eliminated VPN dependencies while improving security posture.