

ALEX GRIECO

Just an SRE looking to automate the world

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AI

All content of this resume was written and produced by me without the assistance of AI. I find it important that if you're interested in hiring me, you read my actual words and not something written by AI.

whoami

Senior DevOps/Site Reliability Engineer with 7+ years experience running production workloads in the cloud (AWS, GCP). Specializing in Terraform (IaC), Kubernetes, CI/CD, and observability, with on-call experience across globally distributed teams. I love learning, building, and automating as much as humanly possible.

Experience

First Principles

Member of Technical Staff - DevOps 📅 April 2026 – Present

📍 Calgary, AB

- As the first DevOps hire, I set the foundation of DevOps, security, and IT for the entire organization to accommodate a pivot from a non-profit/research focus to a for-profit model targeting enterprise customers.
- Implemented a scalable, self-healing gateway using Tailscale to facilitate communication between AWS services and our inference workloads hosted on a bare-metal HPC provider.
- Enabled SSO login and multi-account access by configuring AWS Identity Center. Additionally created PermissionSets for each job-function to ensure least privilege access.
- Established observability setup. Configured Grafana Cloud to scrape and ingest AWS CloudWatch metrics and configured AWS Data Firehose streams to scrape and send logs to Grafana Cloud as well.
- Migrated all ECS, EC2, RDS, RabbitMQ, and other AWS resources from public subnets into private subnets for improved security posture. Completed with zero downtime.
- Audited and updated AWS security groups to restrict network flows to the desired pathways.
- Created RDS proxy instances in front of all RDS instances, enabling connection pooling for improved performance and throughput, while also restricting access to only the desired identities.
- Consolidated all our AWS accounts into an AWS organization and implemented Service Control Policies (SCPs) to provide foundational account protections.

Dapper Labs

Senior Site Reliability Engineer 📅 April 2024 – April 2026

📍 Calgary, AB

- Organized, planned, delegated, and implemented a refactoring of our platform and networking to enable multi-cluster, multi-region infrastructure for improved disaster recovery, scalability, and customer latency. This required live-migrating all our products to newly created infrastructure which I was able to execute with zero downtime.
- Devised, planned, and executed a transition from GitHub Actions to ArgoCD for our continuous delivery process across all of our products. This involved coordinating with many different stakeholders to be executed in a way that did not impact our engineering team's work, while also not causing downtime for our products.
- Migrated entire observability platform from Grafana Cloud to a self-hosted Grafana instance on Kubernetes in two weeks as a result of proposed drastic increase in Grafana Cloud contract.
- Used Claude Code to implement an AI pull request review bot that could approve low-risk infrastructure changes, reducing the time it takes to merge code changes by not requiring SRE approvals for minor configuration updates.

- Implemented GCP's Privileged Access Manager to create permissions escalation processes to enable developers to request temporary privileged access, enabling an auditable and (where appropriate) automated process for break-glass scenarios, while also ensuring tighter access controls across our organization.
- Maintained and optimized over 30 Terraform modules configuring many different facets of our cloud offering (GKE, Databases, Cloudflare, Grafana, etc.), enabling self-service infrastructure provisioning for engineering teams.
- Collaborated closely with all engineering teams to preemptively provide supporting solutions to upcoming initiatives.
- Presented engineering-wide talks to keep our team apprised of upcoming infrastructure changes. Also collaborated closely with all other engineering teams to ensure our changes were serving their development needs.
- Mentored new-hires, quickly bringing them up to speed on our work while also providing them the space to grow and learn on their own.

Site Reliability Engineer 📅 January 2022 – April 2024

📍 Vancouver, BC

- Configured GitHub Actions Pipelines for streamlined application deployment, testing, and tooling updates.
- Developed custom tooling in Golang to enhance observability in our Atlantis workflow, preventing accidental deletion of critical resources.
- Spearheaded an initiative to automate private certificate rotation (for mTLS), mitigating historical outages caused by certificate expiration.
- Contributed to the postmortem process, writing documentation and runbooks to help prevent repeat incidents.
- Participated in on-call rotations across a globally distributed team, providing support for our users and driving incident resolution while actively communicating with proper stakeholders.

Capital One

Cloud Infrastructure Engineer 📅 May 2019 – August 2021

📍 New York, NY

- Developed an internal, Kubernetes-based PaaS offering, empowering Data Scientists to build, train, and deploy ML workflows.
- Implemented observability as code practices by defining Datadog monitors, SLOs, and dashboards in Terraform configuration.
- Enhanced security and streamlined continuous delivery processes by configuring SSO for ArgoCD.
- Facilitated secure access to enterprise Vault secrets in Kubernetes by implementing Kubernetes auth secret injection.
- Enforced Kubernetes best practices by implementing policy as code with OPA Gatekeeper.
- Refactored cluster provisioning from custom logic to kOps, reducing complexity and improving deployment stability.
- Participated in on-call rotations to maintain SLAs for customer support and incident resolution.

Skills

Infra tools: Terraform Kubernetes Helm/Kustomize
Docker
CI/CD: ArgoCD GitHub Actions OpenTaco/Digger
Atlantis
Observability: Grafana Datadog Prometheus Loki
Policy: Open Policy Agent (OPA)
Cloud Providers: AWS GCP
Languages: Golang Rust Lua Javascript
IDE: Neovim
Databases: PostgreSQL Redis Spanner Elasticsearch
Other: Tailscale Secrets Management IAM Linux
Proxmox

Education

M.S. Computer Science 📅 2018
University of Southern California

B.A. Physics 📅 2015
Hamilton College

Interests

Trail Running Watches Philosophy
Buffalo Bills