

TIMOTHY ADAMS

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TECHNICAL SKILLS

Cloud & Platforms

AWS, GCP, Azure
Proxmox, OpenStack

Containers

Kubernetes, Docker, Helm

IAc & Config

Terraform, Ansible, Chef, Cobbler

CI/CD

Jenkins, GitLab CI
Azure DevOps, GitHub Actions

Observability

Prometheus, Grafana, Splunk
Zabbix, PagerDuty

Languages

Golang, Python, Bash

OS

RHEL, CentOS, Ubuntu, Debian

Domains

Defense/Intel, Geospatial/ISR
AdTech, Decentralized Storage

Practices

SRE, GitOps, Agile/Scrum
Microservices, Six Sigma

EDUCATION

A.A.S. Electronics Technology

Cochise College, 2014
Magna Cum Laude (3.86 GPA)

RECOGNITION

3x Hackathon Winner

Novetta — Monitoring, Custom
SDKs, CI/CD Pipeline solutions

US Army Achievement Medal

UAV strategic intelligence &
brigade systems management

INFRASTRUCTURE & PLATFORM ENGINEER

SRE | DevOps Leader | 17 Years of Technical & Leadership Experience

ENGINEERING EXPERIENCE

CloudTactics.io // Remote // 2020 – Present (5 years)

Principal SRE / DevOps Engineer

- Delivered expert SRE consultation to clients from Series B startups to Fortune 10 enterprises, architecting and managing 20+ production Kubernetes clusters across AWS, GCP, Azure, and on-prem Proxmox using Terraform, Helm, and GitOps workflows.
- Platform Engineering:** Delivered a greenfield Kubernetes-based internal developer platform for a Fortune 10 client, reducing environment provisioning from days to <15 minutes and enabling self-service deployments for 50+ engineers. Drove 3 monolith-to-microservices migrations, decomposing applications into 12–40 containerized services and cutting deployment cycle time by 70%.
- Engineered hybrid cloud infrastructure (Proxmox/Cobbler/RHEL + AWS) with zero-touch Ansible provisioning, achieving 99.99% measured availability over 12 months.
- Hardened CI/CD pipelines (Jenkins, GitLab CI, GitHub Actions) with SAST/DAST scanning, achieving <10-minute build-to-deploy across multi-region clusters.

Storj Labs // Atlanta, GA // 2018 – 2019 (1 year)

Site Reliability Engineer

- Architected operational infrastructure for a decentralized storage platform serving 10,000+ node operators; managed Docker/Kubernetes deployments across GCP staging and production.
- Deployed Prometheus/Grafana/Zabbix/PagerDuty observability stack, reducing MTTD by 60%; optimized Jenkins pipelines, cutting build times 40% across 8 engineering teams.
- Partnered with C-suite to align SRE practices with \$30M+ funding-stage product roadmap and rapid headcount scaling.

Novetta & Valley IT // Southern Pines, NC & Remote // 2015 – 2018 (2.5 yrs)

Lead DevOps Engineer / DevOps Manager (Team of 5)

- Led 5 DevOps engineers within a 170+ member division, owning CI/CD and infrastructure for a mission-critical, Golang-based SaaS/PaaS geospatial intelligence platform.
- Geospatial/ISR:** Reduced satellite imagery pipeline from ~1 month to <30 minutes (1,400x improvement) through infrastructure re-architecture and pipeline automation.
- Reliability:** Cut annual downtime from ~6 weeks (~1,008 hrs) to ~6 hours/year (99.93% availability), saving 1,000+ engineering hours annually.
- Spearheaded AWS migration with Terraform/Ansible IaC; served as trusted technical advisor to leadership and defense/intel customers across the full sales lifecycle.

Mapp Digital // Raleigh, NC // 2017 (9 months)

DevOps Engineer

- AdTech:** Architected AWS/OpenStack infrastructure for a global adtech platform processing billions of events/month; built enterprise DevOps toolchain (GitLab CI, SonarQube, Atlassian, Artifactory) standardizing workflows across 6 globally distributed teams.
- Global Integration Committee member driving process modernization during multi-company merger; built CloudWatch/Kibana/Grafana dashboards for real-time production anomaly detection.

Google Inc. // Atlanta, GA // Summer 2013

Operations Engineer (Contract)

- Hyperscale Ops:** Deployed and supported critical data center infrastructure at Google-scale ensuring high availability across thousands of machines; led incident response and root-cause analysis for large-scale production failures.
- Evaluated and stress-tested new server hardware architectures; authored operational runbooks adopted as team-wide standard reference; mentored and onboarded new team members.

MILITARY SERVICE

U.S. Army & GA Army National Guard // Atlanta, GA // 2009 – 2015 (6 yrs)

MI Systems Maintainer/Integrator — MOS: 35T, E-5 (SGT)

- Supervised a squad with accountability for \$2.5M+ in mission-critical comms and computing equipment; maintained, integrated, and repaired MI computers, networks, and electronic sensor systems.
- Trained and certified in specialized data extraction from fixed, portable, and wireless devices; delivered on-site field technical support to soldiers and commanders.