Dan Shepard

Senior Platform Engineer · Developer Experience · DevOps

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SUMMARY

Platform engineer with 7+ years building self-service internal platforms on AWS and Kubernetes. I build the golden paths product teams deploy on — Crossplane and Terraform behind simple APIs, GitOps delivery with ArgoCD and FluxCD, reusable CI, and per-PR preview environments — and keep them cheap and boring to run (30% off an EKS bill). Increasingly I pair platforms with AI agent workflows that take repetitive operational work off engineers.

SKILLS

Platform & IaC: Crossplane (function-pythonic compositions, Upjet), Terraform, Terragrunt, Burrito, Ansible, Packer

Kubernetes: Amazon EKS, Helm, Karpenter, Cilium / Gateway API, Argo Rollouts (canary, blue/green), Argo Image Updater

GitOps & CI/CD: ArgoCD (app-of-apps), FluxCD, GitHub Actions, GitLab CI, CircleCI, Jenkins, Octopus Deploy, preview environments

Cloud: AWS (multi-account Organizations, SCPs, GovCloud, Aurora PostgreSQL, ElastiCache, IAM / Pod Identity), GCP, Alibaba Cloud

AI & automation: Claude Code / Codex agent workflows, MCP integrations, agent skills and subagents

Observability & secrets: Datadog, Prometheus, Grafana, Splunk, New Relic · HashiCorp Vault, External Secrets, SOPS, Okta SSO

Languages: Go, Python, Bash, PowerShell

EXPERIENCE

DevOps / Automation Engineer | eBay — Aug 2026 – Present

Contract via Akraya, Inc. · TCGplayer

- Built a multi-agent Claude Code / Codex workflow that works infrastructure tickets end to end — reads the ticket, runs read-only AWS/EKS discovery, decides the fix, and drafts the PRs, Jira updates and change requests — with read-only guardrails, a human approval gate and a self-improvement loop; adopted as a shared team tool.
- Delivered changes across a 12-account AWS estate spanning two Organizations after an acquisition migration, all as Terraform through PR pipelines with change-management approval.
- Found a CI/CD trust flaw that let any branch's pipeline assume admin in the organization management account; split it into a read-only plan role and a narrowly trusted apply role, then tightened cross-account trust for Terraform runners, Octopus, Jenkins and ArgoCD across 23 PRs in 15 repositories.
- Adopted unused-region default VPCs in 9 accounts into Terraform and removed them through staged, change-managed releases; wrote a Service Control Policy validated with automated Python test harnesses in a sandbox before org-wide rollout.
- Mapped ownership for 38 services on legacy EKS clusters to unblock decommissioning, surfacing 12 unowned workloads that would have been missed.

Sr. DevSecOps Consultant | Intuitive Machines (formerly Maxar Space Systems) — Apr 2026 – Aug 2026

Contract via Trility Consulting

- Designed a multi-account Crossplane control plane (management, shared-services, sandbox) with cross-account AWS ProviderConfigs and a Kubernetes ProviderConfig that deploys native resources

from the management plane into target clusters.
- Authored nine function-pythonic composition steps that stand up a complete self-managed GitLab platform from an empty AWS GovCloud account (ESO → RDS → Redis → storage → Pod Identity → Helm → Cilium ingress → Route 53), through to a working browser login over an Okta-backed NLB bridge.
- Moved a Wiz tenant deployment from Terraform to pure Crossplane with an Upjet-generated provider: 12 resource types plus a GraphQL-resolver composition step. Also delivered a CMMC L1/L2 gap analysis with architecture diagrams.

Senior Platform Engineer | Joyent (a Samsung company) Sep 2025 – Mar 2026
Contract via Red Oak Technologies

- Brought Terraform and Terragrunt under GitOps with Burrito, moving deployments off developer workstations into a single controlled pipeline.
- Stood up automated drift detection to keep infrastructure state continuously reconciled.

Senior Platform Engineer | California Department of Health Care Services May 2024 – Jul 2025
Contract via Deloitte

- Platform team for MDE, the shared internal platform DHCS's modernization product teams deploy on: replaced Terraform-automated infrastructure with Crossplane modules for a Kubernetes-native control plane, and moved push-based deployments to pull-based GitOps with ArgoCD and Helm.
- Led the rollout of ephemeral environments, measurably improving developer iteration speed.
- Moved secrets from AWS Secrets Manager to HashiCorp Vault and wired Vault into CircleCI pipelines.
- Built Datadog dashboards and alerting for a corporate Jira platform; operated GitLab and EKS workloads in production.

Senior DevOps Engineer | Glorify Feb 2023 – Feb 2024

- Built the company's entire platform on Amazon EKS with modular, reusable Terraform kept DRY via Terragrunt.
- Delivered GitOps with FluxCD and ArgoCD (app-of-apps) and wrote the Helm charts behind automated, isolated preview environments that gave developers and QA full test environments per change.
- Automated canary and blue/green releases with Argo Rollouts and Image Updater, and cut EKS spend by 30%. (Role ended in a company-wide layoff.)

Site Reliability Engineer | Omaze Nov 2021 – Feb 2023

- Operated high-volume EKS workloads with FluxCD, ArgoCD and Helm; designed and adopted Karpenter for node autoscaling and led IaC renovations that reduced Kubernetes spend.
- Created a cross-functional incident-response process spanning engineering, product and legal; mentored junior engineers. (Role ended in a company-wide layoff.)

Earlier Experience 2013 – 2021

- **DevOps Engineer, Audacy, Inc.** (2020–2021) — whole AWS environments in Terragrunt-style Terraform, plus the Kubernetes clusters and GitOps CI/CD inside them.
- **DevOps Engineer, MiTek Industries** (2019–2020) · **Systems & DevOps Administrator, Blue Spruce Capital** (2018–2019) · **Systems Engineer, Integritechs** (2017–2018) · IT and systems roles at Travelopia, California Resources Corp. and Gold's Gym (2013–2017).

CERTIFICATIONS & EDUCATION

AWS Certified Solutions Architect – Associate · CompTIA A+ · CompTIA Network+
B.S., Criminal Justice / Law Enforcement Admin. — ITT Technical Institute · A.A., Music — Ventura College