JEFF KLOYTHANOMSUP

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Senior Cloud Engineer | Senior DevOps Engineer | Platform Engineering

Senior cloud and DevOps engineer with 19 years in IT, architecting AWS environments, automating infrastructure with Terraform, and running Kubernetes and CI/CD at scale for clients from startups to the Fortune 500. Founder who designed, built, and operated an AI-enabled marketplace end to end: web and mobile applications, RAG-based matching on Claude and OpenAI-compatible APIs, and multi-environment AWS infrastructure. Equally at home leading a cloud migration engagement or shipping production code.

PROFESSIONAL EXPERIENCE

Founder & CEO, ThriveUp Care *(concurrent with Caylent)* **06/2025 – 08/2026**

- Architected and built a two-sided support-services marketplace end to end: Next.js 16 / React 19 / TypeScript web application with 200+ API endpoints and an Expo / React Native mobile app, shipping v1.0 through v1.37 across ~3,000 commits in four repositories.
- Developed AI-powered companion–user matching with Claude and OpenAI-compatible SDKs and APIs, building a RAG pipeline over vector embeddings (Upstash Vector); instrumented the platform with Sentry and PostHog.
- Provisioned multi-environment (dev/staging/prod) AWS infrastructure with Terraform (ECS, Lambda, AppSync real-time GraphQL), backed by PostgreSQL (Drizzle ORM), Upstash Redis, Clerk auth, and Stripe Connect payments.
- Operated the company end to end: product strategy, go-to-market, and pre-seed fundraising for a platform serving the neurodivergent community.

Senior Cloud Engineer, Caylent **10/2021 – 12/2026**

- Deliver AWS solutions across a diverse customer base alongside architects and delivery managers; raised client NPS scores from 8 to 10 on high-net-worth migration engagements, including moving high-performance computing workloads from on-premises to AWS.
- Design and integrate complex DevOps pipelines: CI/CD (GitHub Actions, GitLab, ArgoCD), IaC (Terraform, CloudFormation), monitoring (Prometheus, CloudWatch, Datadog, New Relic), and ELK logging and alerting.
- Cut deployment time from 4 months to 1 month by containerizing a mobile education-management platform and building its CI/CD pipelines (TypeScript/JavaScript).
- Enhanced disaster recovery and data security for a Fortune 500 client by automating replication, versioning, and access hardening of 400+ S3 buckets with Python.

Senior Delivery Engineer, Rackspace (Onica Professional Services) **12/2020 – 10/2021**

- Led modernization of a fare-management application for a major airline, cutting processing time 90% by converting a legacy Python codebase to AWS Glue jobs powering real-time fare prediction.
- Accelerated a Fortune 500 migration under the AWS Migration Acceleration Program by training five client engineers on Jenkins CI/CD, containerization, and EKS deployment.

Senior DevOps Engineer, X-Team **12/2019 – 11/2020**

- Migrated mission-critical applications to AWS with Terraform and Terragrunt, eliminating a 1-hour backup downtime window; co-built a Fortune 100 HR web product on Kubernetes that remains in production.

Earlier Experience **2016 – 2020**

- **Lead Engineer, Rcktshp (2020) · Senior Site Reliability Engineer, Upside Business Travel (2019) · Cloud Engineer, Red Ventures (2018–2019) · Lead Cloud Support Engineer, Onica (2016–2018).** Deployed 200+ microservices on Terraform-built EKS; architected multi-account AWS infrastructure for two mission-critical banking apps (Fargate, Aurora, ElastiCache); led a 10-member team managing 2,000+ production instances with 100% SLA compliance.

SKILLS

Cloud & IaC	AWS (EC2, ECS, EKS, Lambda, S3, Glue, AppSync, Aurora/RDS, Fargate), Terraform, CloudFormation
Containers & CI/CD	Docker, Kubernetes, GitHub Actions, GitLab CI, ArgoCD, Jenkins, CircleCI
AI & Data	Claude API, OpenAI-compatible SDKs/APIs, RAG pipelines, vector embeddings, PostgreSQL, Redis
Observability	Prometheus, CloudWatch, Datadog, New Relic, ELK stack, Sentry, PostHog
Languages	Python, TypeScript/JavaScript, Bash, SQL; Next.js/React, React Native, Node.js

EDUCATION & CERTIFICATIONS

Bachelor of Arts in Sociology, San Francisco State University **2007 – 2012**

Claude Certified Architect - Professional, Anthropic (2026) · Certified Kubernetes Administrator, CNCF (2021) · HashiCorp Terraform Associate (2020) · AWS Solutions Architect Professional (2017) · AWS DevOps Engineer Professional (2017) · AWS Developer, SysOps & Solutions Architect Associate (2016) · Linux Foundation Certified SysAdmin (2015) · CompTIA A+ (2014)