Bradley Stannard - Google Cloud DevOps

Connect with me on LinkedIn | Check out my website | Explore my portfolio

I'm Bradley, a seasoned Google Cloud DevOps engineer passionate about Kubernetes and GitHub actions.

With expertise in GKE, Helm, Flux, and Terraform among others, I've successfully spearheaded projects, such as platforming the Internal Developer Portal (IDP) and deploying the company's first Kubernetes cluster (GKE), driving significant revenue growth.

Experience

Pets at Home Group, plc

DevOps Engineer January 2022 - Present

Responsibilities and Tasks

- Owning and operating the Google Cloud Platform (GCP)
- Cost reduction of systems through rightsizing and consolidation
- Re-platforming applications
- Leading the Applications and Services team on platforming the Internal Developer Portal (IDP)
- Deploying and maintaining first Kubernetes cluster (GKE) for the company (Ask me about this)
- Designing and Implementing Flux for GitOps
- Building out CI on GitHub actions generating £6m revenue
- Writing all the custom GitHub actions
- Moving all GitHub actions to use Workload Identity Federation with context based access controls
- Designed custom modules and Terraform to deploy and manage the entire platform. No more clickops!
- Integrated GKE with Secret manager despite no official support
- Writing custom helm charts for GKE applications
- Release lead for Analytics deployments
- Terraforming deployment of Tableau server, generating £m+ revenue
- Re-designing the Interconnected VPC with our DataCentre coordinating with BT Enterprise
- Building CI pipeline for Monorepo to automatically release helm charts once tests pass
- Migrated all DNS to use External-dns
- Opensource contributor to Kubernetes SIG's
- Migrated all workloads to use *new* workload identity
- Lead implementation of Marketing software saving google Advertising spend
- Building internal documentation sites on specific tooling
- Designed and implemented Architecture Decision record system

Contractor at Deutsche Bank

SDLC Engineer September 2021 - January 2022

Responsibilities

- Writing and Developing GitHub Actions
- Re-designed Azure DevOps ticket templates to better convey requirements and urgency, teaching new graduates MarkDown and GitHub actions
- Working on GCP Landing Zone team to build documentation

Waltlabs.io

Cloud Engineer April 2020 - August 2021

Responsibilities

- Managing CIS benchmark for Datacenter using Upguard (Now CloudHouse)
- Developed Ansible playbook to ensure compliance with CIS benchmark
- Remote Upgrade Centos using Ansible 6 to 7
- Managed infrastructure for company website
- Engineered HA WordPress for Client on AWS, with AutoScaling in Terraform
- Custom-built test environment for WordPress
- Built custom systems for integrating internal systems with one another (Website to; Salesforce, mailchimp, Google sheets and Jira) to better serve sales leads
- Engineer as part of Customer success team on calls with clients to collect technical information and write technical propositions
- Managed companies Google Workspace Account
- Assisted with systems rebranding from Root Level Tech to waltlabs.io
- Ran user onboarding for all international offices
- Wildcard engineer
- Lead project implementing DataDog for Clients monitoring needs

Cerulean Solutions

Junior Network Engineer January 2019 - April 2020

Responsibilities

- Managed patching for **all** client Windows servers and client devices
- Supported clients network both remote and on site reacting to P1/SEV1 outages
- Network Troubleshooting
- Hardware support (replacing system boards)
- Specialized in recovery from Crypto-lockers
- Designed automation for setting up customer laptops, taking time to *use* from 2 hours to 15 minutes
- Managed customers antivirus and anti-malware systems with fast response times
- Data recovery Specialist
- Dealing with SQL server issues and daily fixes of customer systems where malformed SQL was an issue
- Migrating SBS server to Windows server 2019
- Lead Exchange to Office 365 migration for customer
- Managed Customer Mail Archive server and dealing with GDPR and Subject Access Requests

Interesting things about me

- I run a k3s cluster at home with OIDC authentication against Azure Entra (FKA Azure AD) and Google Cloud Workload Identity Federation allowing pods to access GCP resources
- The analytics software for my websites runs on the above cluster
- All my DNS is managed in Terraform, naturally managed with CI
- I have a Motorbike
- I opensourced all my personal documentation in 2022 and contribute on average once a day
- My costco membership photo is terrible