Bradley Chatha

EMAIL   PHONE
bradley@chatha.dev   On request/already provided

"Everything Engineer" with 3 years of professional experience across eCommerce (B2B & B2C); FinTech, and agency work. I boast 12 years of programming-as-a-hobby, and have proven experience across cloud infrastructure; backend, and frontend development.

The most common compliment I receive is my ability to learn new skills and technology to a productive level of depth in a short amount of time.

EXPERIENCE

DevOps Engineer   2023-now

SOON_ London Ltd, Remote - eCommerce & bespoke software support

`GCP` `AWS` `Kubernetes` `Istio` `Terraform` `Helm` `Gitlab` `Golang` `ArgoCD` `Grafana`

- Revamped their Kubernetes-based Gitlab CI setup to be managed in Terraform, and make use of Workload Identity instead of manually managed long-lived tokens.
- Took full ownership of their infrastructure and Kubernetes clusters; migrated ClickOps projects into Terraform, and setup a streamlined foundation for their infrastructure going forward, on top of creating several from-scratch GCP projects.
- Created an extensive suite of CI templates to streamline most of their pipelines.
- Provided a set of composable library Helm charts, to DRY up most of their standard charts.
- Adopted a client's AWS infrastructure, cutting their monthly cost by 72% (5 figures), alongside creating documentation and technical diagrams.
- Introduced misc but important tooling like Tilt and Renovate.
- Performed work on their backend Go services to introduce tracing, as well as optimise certain services under load.
- Introduced ArgoCD for specific codebases that benefited from separate CI and CD.
- Implemented a GraphQL caching layer within their TypeScript frontend codebase.
- Developed and maintained several Grafana dashboards.
- Implemented Managed Prometheus and Slack alerting.
- Created a "Cluster Downscaler" to downscale development clusters outside of work hours to save on costs.
- Wrote the "DevOps Catalogue" - extensive technical documentation on all DevOps related functions, stored in Notion.
- Introduced a monthly maintenance schedule to ensure all active codebases are kept up to date; monitor costs, etc.
- Setup the groundwork for using BigQuery to calculate costs-per-client for one of their SaaS products.

Junior Cloud Infrastructure Engineer   2021-2022 (11 months)

Primer.io, Remote - FinTech low-code payment gateway

`AWS` `Terraform` `Kubernetes` `Helm` `Gitlab` `Golang` `Python` `Datadog`

- Lead their load testing initiative, working closely with the product teams to identify and optimise their code.
- Maintained their Terraformed AWS & Datadog infrastructure, mainly for smaller tasks.
- Implemented a few full Gitlab CI pipelines for Python and Go services.
- Acted as a one-man internal help desk for the infrastructure team.
- Implemented a Slack bot to automate tedious tasks such as onboarding; MR assignment, and "holding" environments for release.
- Created a Go service that partially implemented the Cypher graph langauge, as a frontend for an object-oriented Postgres database.
- Used an event-driven Python lambda function to generate human-friendly HTML reports for AWS Macie.
- Implemented metrics in their Python codebase for DyanmoDB calls.
- Created several Datadog dashboards that were referred to as high-quality.
- Authored several internal RFCs, as well as comprehensive technical documentation for both existing and R&D-related projects.
- Setup Renovate, and helped the engineering teams adopt it.