
OMAR GALLO

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Berlin
Germany

Profile

DevOps engineer with over 16 years of industry experience, specialised in working and leading teams to build scalable platforms. I have worked in multiple industries for clients such as Deutsche Telekom, New Work SE, Greenpeace or Viessmann; working closely in cross functional teams has given me a great amount of expertise building secure and scalable production ready environments.

Experience

DevOps Engineer @ Devolute GmbH — 11.2022–Present

Maintained and monitored Terraform-based infrastructure, assisted with platform engineering efforts, planned and executed content migration between S3 buckets, implemented reusable terragrunt modules, migrated Github secrets to AWS Secret Store, and supported HR in recruiting.

Achievements

- Reduced test running time from 2 hours to 28 minutes on each run, improved developer happiness and reduced costs
- Automated the release process and introduced conventional commits standardisation company-wide, enabling automatic Changelog generation for new releases across all repositories.

DevOps Engineer @ Tignum GmbH — 01.2022-05.2022

Maintained and monitored Terraform-based infrastructure, evaluated the current AWS setup and investigated EKS to suggest areas where complexity could be reduced. Provided assistance to developers and communicated the DevOps efforts to C-level management.

Achievements

- Reduced the costs of running the staging environment by one-third by optimising the types of nodes and adjusting their runtime during working hours.
- Successfully onboarded/offloaded team members (DevOps, Developers).
- Added observability tool Argo CD.

Principal / Head of Engineering @ Farmlink Ltd — 05.2021.112021

Create, manage and maintain infrastructure with Terraform. Built an event-driven MVP focused on Food Banks, enabling them to receive notifications on rejected loads. Established a DevOps pipeline for staging and production environments using GitLab CI/CD and Heroku.

Achievements

- Delivered the MVP after 2 months, including redoing the UX and requirement gathering.
- Setup heroku, aws s3, elastic search resources with terraform.
- Attained high developer satisfaction by reducing the test running time to under 15 minutes for over 2000 tests.

DevOps Engineer @ Devolute GmbH 01.2019-05.2022

Configured, maintained and monitored ansible-based infrastructure. Evaluated the production environment for clients and Dockerize the applications. Transferred Heroku-based applications to clients' production setups. Set up a managed Kubernetes cluster on GCP and migrated applications from clients' Docker-based solution to Kubernetes. Configured monitoring and logging using Grafana, Prometheus, and Logbeat.

Achievements

- Used Ansible to setup RDS, REDIS and ElasticSearch on client
 - Reduced GitLab CI/CD test running time from 45 minutes to 10 minutes.
 - Configured GitLab CI/CD to automate deployments to staging and production environments.
 - Improved system scalability and achieved zero downtime deployments using Kubernetes.
 - Configured, managed and maintained managed kubernetes cluster on GCP via Terraform
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Education

Universidad Antonio de nebrija, Madrid — Bsc Computer Science & management

Skills

Cloud platforms: AWS ,Heroku , GCP , Azure, Vercel

IaC: Terraform, Terragrunt, Ansible

CI/CD tools: Gitlab CI/CD, Github CI/CD, CircleCI, Jenkins

Monitoring: Grafana, Kibana, prometheus, alertmanager, logbeat

Containerization: Docker, Kubernetes , helm

scripting languages: bash, ruby, go, python

web frameworks: Ruby on Rails , React, Gatsby, Next, Astro

web languages: Javascript / Node JS, PHP

package managers: rubygem, npm, yarn, pip

References

Upon request
