Alessio Calliari

DevOps | Platform Engineer | Technical Writer

✉ calliari.alessio@fastmail.com   ⬡ https://github.com/TestDotCom   in https://www.linkedin.com/in/alessio-calliari

Skills

Docker, Kubernetes (K8s), Helm, RKE2, Rancher Management | GitOps, Continuos Implementation / Continuos Delivery (CI/CD) Pipelines | Infrastructure-as-Code (IaC): Terraform, Ansible | Amazon Web Services (AWS), S3 Object Storage | Sysadmin: Linux | Scripting Languages: Bash, Python

Experience

Zucchetti

DevOps Engineer | 07.2024 - Present | (full-remote) Rome, Italy

- Developed Ansible playbooks for system configuration and application deployment
- Built Bash/Python tools for S3-compatible storage, enforcing retention policies and automating metric collection/reporting
- Built go tools interfacing with Docker, in order to exec commands inside other containers
- Led a cloud-native transformation project:
  - ‣ Deployed a RKE2-based Kubernetes cluster for internal workloads
  - ‣ Created a Proof-of-Concept Tekton pipeline for Kubernetes-native CI/CD
- Led a RabbitMQ 3.x to 4.x cluster upgrade, including data migration to Quorum Queues
- Maintained internal documentation on DevOps best practices

Keypartner

DevOps Consultant | 07.2022 — 06.2024 | (hybrid) Rome, Italy

- Enabled developer self-service by standardizing GitOps workflows, reducing deployment friction
- Designed CI/CD pipelines using GitLab Pipelines, automating build, test, and deployment processes
- Managed Kubernetes cluster lifecycle, including major version upgrades and security patching
- Led Kubernetes training programs for Italian government institutions (*Camera dei Deputati, Comando per le Operazioni in Rete (COR)*):
  - ‣ Delivered hands-on workshops on container networking & security, distributed systems, and cluster deployment
  - ‣ Automated infrastructure provisioning via Terraform (AWS EC2), with customizable cluster parameters. The repository is available on GitLab[1]

Hobbies

Managing a homelab

In my free time I manage a self-hosted homelab over a Raspberry Pi (RPi). To keep things relatively simple, it's a **Docker Compose** file of several services, such as the media server. SSH'ing into the homelab is only possible via public key authentication, and a firewall (firewalld) is in place to restrict access only from within my LAN.

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[1]https://gitlab.com/devops6752413/tf-k8s-cluster

Education

Sapienza University of Rome | Informatica
A.A. 2016 — 2020

Sapienza University of Rome | Computer Science — Network and Security
A.A. 2020 — 2022