

VASCO RAMOS

Platform Engineer

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SUMMARY

Results-driven Platform Engineer well-versed in Terraform, Kubernetes, and Cloud (mostly AWS). Eager to learn and always ready to tackle cloud infrastructure and DevOps challenges.

EXPERIENCE

Platform Engineer Oct 2023 – Present
Feedzai Porto, PT

Junior Infrastructure Engineer Sep 2022 – Sep 2023
YData Porto, PT

- Developed a cloud infrastructure automation script to clean the packages registry of unused package versions, reducing artifacts registry costs by 25%.
- Implemented automated and centralized internal infrastructure management, using Terraform (IaC).
- Revamped the CI/CD flows company-wide and migrated 85% of CI/CD runners to a self-hosted environment in AWS.
- Improved the monitoring and alerting strategy with a focus on logging consumption and analysis, improving team productivity (especially in the staging environment).
- Concluded the product availability on the three main cloud providers' marketplaces by implementing the full installation flow on GCP Marketplace.

Graduate Researcher Jan 2022 – Aug 2022
ALGORITMI Center Braga, PT

- Researched solutions related to geofences and smart cities.
- Configured CI/CD pipelines with GitHub Actions to automate the build and deployment processes.

EDUCATION

Computer Science (M. Sc.) Braga, PT
University of Minho Sep 2020 – Oct 2022
Grade: 18 / 20

Computer Science (B. Eng.) Aveiro, PT
University of Aveiro Sep 2017 – July 2020
Grade: 18 / 20

LANGUAGES

Portuguese Native

English Upper-Intermediate (B2)

TECHNICAL SKILLS

Languages / Scripting: Python, Bash, Shell, Go, Java, JavaScript

Containers / Orchestration: Docker, Microservices, Kubernetes, Kustomize, Helm

Amazon Web Services (AWS): EC2, VPC, S3, EKS, ELB, ECS, ECR, Route 53, RDS, ASM, Cloud Watch, IAM, Cloud Formation


Google Cloud (GCP): Compute, Storage, IAM, GKE, VPC, DNS, Network Security

DevOps Tools: Git, GitHub (Actions), GitLab CI/CD, Terraform, Ansible, FluxCD, Crossplane, NGINX, Packer, Agile, Scrum


Monitoring: ELK, Prometheus, Grafana, TICK

Databases: PostgreSQL, MySQL, MongoDB, Redis

PROJECTS


Kubernetes Storage Benchmarking 
University of Minho Apr 2021 – July 2021
Kubernetes, Docker, Helm, Python, NFS, Ceph

- Automated the provisioning of a Kubernetes cluster on on-premise servers.
- Deployed 4 I/O-heavy applications on the Kubernetes cluster
- Benchmarked the applications to test the performance of different storage backends

Misago - Deployment & Benchmarking 
University of Minho Nov 2020 – Jan 2021
Ansible, Docker, ELK, NGINX, Git

- Automated the deployment of a web-based multi-layer application using container orchestration, monitoring, and benchmarking.

CERTIFICATIONS

HashiCorp Certified Terraform Associate 
Hashicorp Jan 2024

AWS Certified Cloud Practitioner 
Amazon Web Services (AWS) Sep 2023