Gonçalo Fileno

DevOps Engineer · Coimbra, Portugal

goncalofileno.com/en · github.com/goncalofileno · www.linkedin.com/in/goncalofileno

From public safety to cloud reliability. I design, automate and keep infrastructure running on AWS.

EXPERIENCE

DevOps Engineer · Present Technologies

Sep 2024 – present · Portugal

First DevOps engineer at the company: started the practice and leads it

I cut the company's AWS spend by about 30% and caught a logging fault that had pushed a development account from about $500 to $7,000 a month. Day to day, that means cloud infrastructure on AWS, Azure and Scaleway, as code with Pulumi and Terraform.

I started the practice from scratch and now lead it, with a junior engineer I mentor, and I keep every team's CI/CD running. I fixed the logging fault and added budgets and alerts so it cannot happen silently again. When production breaks, I am on the incident, including restoring a mission-critical client system under pressure.

Disaster recovery for a mission-critical platform
Building a second data centre that can take over a mission-critical client platform, with near-zero recovery time and data loss. The secondary site mirrors production with database replication, and failover is scripted behind a manual approval step.
Technologies: Linux, Docker, Bash

AWS migration and multi-account networking
Moving the company's on-premises services to AWS with no downtime, from the lowest-impact systems to the most critical. GitLab, Jenkins, Harbor and Artifactory now run on EC2 behind load balancers, on a multi-account network with a Transit Gateway shared through AWS RAM and a site-to-site VPN to the office, all defined as code.
Technologies: AWS, Pulumi, Terraform, Packer, Ansible

Internal platforms and CI/CD
Running the company's internal platforms, including the move from Slack to a self-hosted Zulip, and maintaining almost every CI/CD pipeline. Builds run on spot instances to keep costs low, and when a team is blocked, I am usually the one they call.
Technologies: Jenkins, GitLab, Zulip, Harbor, Linux, Bash

Police Officer · Polícia de Segurança Pública (PSP)

Sep 2015 – Sep 2023 · Portugal

Eight years of police work, from patrol in Lisbon to weapons and explosives investigation nationwide: incident response under pressure, strict procedure and clear written reports.

- **Weapons and Explosives Department** · Investigation, nationwide · 2021 – 2023
  I investigated weapons and explosives cases across the country, including the Azores and Madeira, and ran the national weapons destruction processes. I also supported film and TV productions shot in Portugal, such as Fast X and Rabo de Peixe, bringing replica weapons to set and teaching actors to handle them safely.
- **Patrol and emergency response** · Lisbon · 2016 – 2021
- **Police officer course** · Escola Prática de Polícia, Torres Novas · 2015 – 2016

Lifeguard · Câmara Municipal da Figueira da Foz

Jun 2011 – Sep 2013 · Coimbra and Figueira da Foz, Portugal

Three summer seasons as a lifeguard, first on a river beach and then on the beaches of Figueira da Foz, where I was responsible for Praia+, a project that makes the beach accessible to people with reduced mobility.

FEATURED PROJECTS

This site

A bilingual CV site whose infrastructure and pipeline are part of the portfolio. It is a static Astro site on AWS, provisioned with Pulumi and Terraform and deployed from GitHub Actions without stored credentials.

AWS migration and multi-account networking

Moving a company's on-premises services to AWS with no downtime, on a multi-account network built as code with Pulumi and Terraform.

Disaster recovery for a mission-critical platform

A second data centre that can take over a mission-critical client platform, with database replication and an approval-gated failover, aiming for near-zero recovery time and data loss.

SKILLS & CERTIFICATIONS

Cloud	AWS EC2, AWS EKS, AWS ECS, VPC, Transit Gateway, ALB, S3, CloudFront, Route 53, IAM, CloudFormation, Elastic Beanstalk, CodeDeploy, IoT Core, Azure, Scaleway
Infrastructure as code	Pulumi, Terraform, OpenTofu, Ansible, Packer
CI/CD	GitHub Actions, GitLab CI, Jenkins, Travis CI, Git
Containers	Docker, Kubernetes, Docker Swarm, Harbor, Artifactory
Observability	Datadog, Prometheus, Grafana, Jaeger, AWS CloudTrail
Security	HashiCorp Vault, SonarQube, IAM least privilege
Programming	Bash, Python, TypeScript, Java, Spring Boot, JavaScript, C#
Ways of working	Agile / Scrum, Jira, Confluence, Disaster recovery, SRE practices, Linux

EDUCATION

Acertar o Rumo, intensive IT programme

University of Coimbra · Sep 2023 – Sep 2025 · Final grade: 19.1 / 20

Informatics Engineering (BSc), evening programme

Instituto Superior de Engenharia de Coimbra (ISEC) · Nov 2011 – present

Public Security Police Officer Course

Escola Prática de Polícia · Sep 2015 – Sep 2016

Lifeguard Course

Instituto de Socorros a Náufragos · Apr 2008 – May 2008

LANGUAGES

- Portuguese: Native
- English: Listening B2, Reading B2, Speaking B1, Conversation B1, Writing B1
- Spanish: Listening A2, Reading A2, Speaking A2, Conversation A2, Writing A1
- Italian: Listening A2, Reading A2, Speaking A1, Conversation A1, Writing A1