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# ÁLVARO TORRES COGOLLO

## SENIOR CLOUD DEVOPS ENGINEER

+7 years of experience as a Senior DevOps / SRE Engineer with proven experience in Infrastructure as Code, automation, and large-scale cloud infrastructure on AWS. Expert in Terraform/OpenTofu, Kubernetes, and CI/CD workflows. Strong development background in Go and Python. Recognized for a proactive, research-driven approach and deep technical understanding across infrastructure domains.

## WORK EXPERIENCE

### Senior DevOps Engineer @ Too Good To Go

January 2022 – Present · Madrid, Spain · Food Waste Reduction Marketplace (B2C)

#### RESPONSIBILITIES

- Ensure **high availability, reliability, and scalability** of core infrastructure, including onboarding new regions and supporting new product features.
- Support product and engineering teams by managing infrastructure, enabling them to focus on feature development and bug fixes.

#### KEY ACCOMPLISHMENTS

- Led a **company-wide Terraform/OpenTofu rebuild**, designing and implementing scalable infrastructure, onboarding multiple teams, and establishing best practices for maintainable Infrastructure as Code.
- Built a **company-wide CLI in Golang from scratch**, now used daily by front-end, back-end, infrastructure, and finance teams to streamline workflows.
- Developed a **High Availability core alerting system using Python**, AWS Lambda, and SQS, through which all alerts are filtered and routed to the appropriate destinations; became a critical component for incident response across the company.
- Migrated the **most critical CI workflow to GitHub Actions** from Jenkins, resolving significant technical debt while achieving faster, cache-efficient, and more reliable pipelines.

### DevOps Engineer @ Telefónica

July 2019 – January 2022 (3 years) · Madrid, Spain · Telecommunications Services

#### RESPONSIBILITIES

- Maintain the development environment and tooling for the company's R&D business branch.
- Support product and engineering teams with infrastructure, CI/CD pipelines, and internal developer tooling.

#### KEY ACCOMPLISHMENTS

- Co-developed an **Internal Developer Platform (Python + React)** serving as a marketplace for developers, simplifying resource discovery and access.
- Co-led the setup of **OpenShift/Kubernetes clusters**, establishing scalable, reliable environments for R&D teams.
- Maintained **CI/CD as a Service platform based on Jenkins and GitHub Actions**, ensuring fast, reliable, and consistent deployments across multiple teams.

## Linux Systems Administrator @ Adminia Sistemas S.L.

September 2018 – July 2019 (1 year) • Madrid, Spain • IT Service Provider

### RESPONSIBILITIES

- Maintain high-availability systems for daily use by office staff.

### KEY ACCOMPLISHMENTS

- Ensured reliable operation and availability of Linux and FreeBSD infrastructure, including mail servers, storage systems, and physical hosting.

### SKILLS

- |                                |                             |                        |
|--------------------------------|-----------------------------|------------------------|
| ✓ Research & Development (R&D) | ✓ Amazon Web Services (AWS) | ✓ Golang               |
| ✓ Deep technical understanding | ✓ Terraform / OpenTofu      | ✓ Python               |
| ✓ Proactive mindset            | ✓ Kubernetes                | ✓ Bash                 |
| ✓ Pragmatic thinking           | ✓ ArgoCD                    | ✓ Typescript           |
| ✓ Problem solving              | ✓ GitHub Actions            | ✓ Prometheus / Grafana |
| ✓ Analytical thinking          | ✓ Jenkins                   | ✓ Sentry               |
|                                | ✓ Linux                     | ✓ Pagerduty            |
|                                |                             | ✓ Spacelift            |

### EDUCATION

#### Telecommunications & Telematics Engineering @ Polytechnic University of Madrid

September 2014 – June 2020 • Madrid, Spain

### LANGUAGES

- ✓ Spanish (Native)
- ✓ English (Fluent)

### RELEVANT OPEN SOURCE PROJECTS

#### Offensive Tor Toolkit @ GitHub

Golang • <https://github.com/atorrescogollo/offensive-tor-toolkit>

Offensive Tor Toolkit is a Go-based collection of tools designed to simplify Tor usage during exploitation and post-exploitation activities. Each tool embeds its own isolated Tor instance, allowing the operator to execute tasks by uploading a single self-contained file to the target system.

#### mtlssocks5 @ GitHub

Golang • <https://github.com/atorrescogollo/mtlssocks5>

Transparent SOCKS5 proxy implemented over mTLS, enabling secure and authenticated routing of client traffic through a remote server. It provides VPN-like connectivity by transparently forwarding outbound requests through an encrypted tunnel.