

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.