



## Tiago Carreira

DevOps Engineer

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- 🐙 [github.com/tcarreira](https://github.com/tcarreira)

### Soft Skills

- Productivity passionate
- Fast learner
- Highly adaptable
- Proactive and autonomous
- Good communicator
- Friendly and team player

### Technical Skills

Linux	Containers	CI/CD	Cloud
Bash	GIT	Automation	SQL
Python	Go	Monitoring	REST

### Technological Values

Open source	Everything as code	Community driven
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### Personal Interests

Podcasts, Audiobooks	Activeness, Achievement	Learning, Improving
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### Languages

🇵🇹 Portuguese	●●●●●● Native
🇬🇧 English	●●●●●● C2 - Proficient
🇪🇸 Spanish	●●●●●● B2 - Independent
🇫🇷 French	●●●●●● A1 - Basic

Having 10+ years of experience with DevOps, I'm experienced with **modern technologies** (eg: Docker), proficient with **Linux** systems and many **DevOps tools** (Kubernetes, CI/CD, IaC) and I'm a **Python** and **Go** developer.

Passionate about **Linux**, **Open Source** and **productivity** (I love scripting and automation). No person should be a single point of failure - procedures should be documented and/or **automated**.

I'm looking towards working with **smart people**, with whom I could learn and help learning; where **autonomy** is a valuable asset and **improving** is more important than finding who made a mistake.

## WORK EXPERIENCE

### Senior DevOps Engineer @ RedCloud

August 2023 - Present 📍 Lisbon, Portugal

- Cloud management (AWS + terraform)
- Restructuring DevOps best practices and \*-as-code
- Developing & maintaining terraform providers + internal tooling (Bash, Go, Python)

### DevOps / Cloud Specialist @ Globo.com

August 2020 - July 2023 (3 years) 📍 Rio de Janeiro, Brazil

- Maintaining an Open Source PaaS (Platform as a Service) in Go - tsuru.io | [github.com/tsuru](https://github.com/tsuru)
- Managing multiple Kubernetes Clusters (with custom resources) @ GCP - 300+ nodes | 15k+ pods
- Core developer on Open Source Software (backend, cli, Terraform providers - mainly Go)

### DevOps/Operations Engineer @ SAPO (BOLD by devoteam)

July 2017 - December 2019 (2 years 6 months) 📍 Lisbon, Portugal

- Developed a Python/Django RESTful API for SSL Cert management (from scratch to production)
- Data Center migration: bare metal, VM's, networking, data and storage (ensuring no downtime)
- Maintaining 500+ servers (using Puppet), 100+ services, both legacy and modern systems, on-call 24/7

### DevOps Engineer @ Premium Minds

December 2013 - June 2017 (3 years 7 months) 📍 Lisbon, Portugal

- Migrated on-premises infrastructure to AWS (EC2, RDS, VPC, ...), with IaC (Python/Boto3)
- Managing CI/CD (Jenkins + Puppet) for a High Available service on AWS - [telpark.com](https://telpark.com)

## EDUCATION

### Certifications

- August 2022 - CKA: Certified Kubernetes Administrator @ The Linux Foundation
- September 2021 - GCP: Associate Cloud Engineer @ Google Cloud Certified

### Training & Courses

- June 2022 - CKA: Certified Kubernetes Administrator @ A Cloud Guru
- July 2021 - Cloud Engineer @ Pluralsight
- May 2020 - NDG Linux I/II course @ Cisco Networking Academy
- Jan 2019 - LPI DevOps Tools Engineer @ Linux Academy

### MSc. in Electrical and Computer Engineering

Técnico Lisboa - University of Lisbon | 2007 - 2013 📍 Lisbon, Portugal

- Major / Minor: Robotics & Control Systems / Computers
- Principal subjects: Database management, Objects Oriented Programming, Robotics
- Thesis: Quadcopter/Drone Automatic Take Off / Landing on a (mobile) Docking Station

## OTHER TECHNICAL EXPERIENCE & PROJECTS

- 2023 - New Terraform Provider: Env - [github.com/tcarreira/terraform-provider-env](https://github.com/tcarreira/terraform-provider-env)  
Hashicorp Terraform Providers (Speaker) - [github.com/tcarreira/terraform-provider-apiserver](https://github.com/tcarreira/terraform-provider-apiserver)
- 2022 - Advent Of Code 2022 - 25 days live solving tech riddles with Go - [github.com/tcarreira/aoc2022](https://github.com/tcarreira/aoc2022)  
Speaker @ Python Brasil (tsuru) - [youtu.be/qvLS37NVOHw](https://youtu.be/qvLS37NVOHw)
- 2021 - TreeTree2: computer architecture I - [github.com/tcarreira/nand2tetris-autograder](https://github.com/tcarreira/nand2tetris-autograder)
- 2020 - Podcasting (host, audio editor, web developer, designer) - [github.com/marmita-de-redon](https://github.com/marmita-de-redon)  
Dashboard website project using Golang - [github.com/tcarreira/roaw2020](https://github.com/tcarreira/roaw2020)
- 2019 - Speaker @ Meetups and Conferences (Docker, Python, Terraform...) - [tcarreira.github.io/presentations](https://tcarreira.github.io/presentations)  
Volunteer (technical) @ Ubucon Europe 2019 - [github.com/ubuconeurope](https://github.com/ubuconeurope)

## PERSONAL ENDEAVORS

**Sports:** running (marathon), cycling (Lisbon-Santiago 600+ Km), obstacle course racing, rock climbing  
**Music:** clarinet, transverse flute, guitar, piano  
**Music groups:** company's band, [TUIST.tecnico.ulisboa.pt](https://tuisstecnico.ulisboa.pt), multiple choirs, philharmonic orchestra  
**Video production:** [youtube.carreira.pw](https://youtube.carreira.pw), [youtu.be/IKvtB-vNOek](https://youtu.be/IKvtB-vNOek)  
**Podcasting:** [marmita.pt](https://marmita.pt) ([github.com/Marmita-de-Redon](https://github.com/Marmita-de-Redon))  
**Personal skills:** therapeutic massage (advanced integrated therapeutic massage course)  
**Maker:** Arduino, Raspberry Pi