Tiago Carreira
DevOps Engineer

- Lisbon, Portugal
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- tiago.g.carreira@gmail.com
- linkedin.com/in/tcarreira
- github.com/tcarreira

Soft Skills

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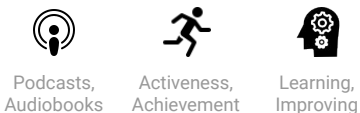- Good communicator
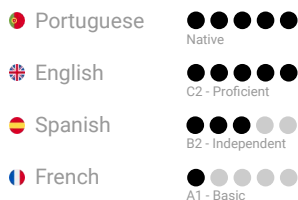- Friendly and team player

Technical Skills

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

Technological Values

Open source | Everything as code | Community driven

Personal Interests

Podcasts, Audiobooks | Activeness, Achievement | Learning, Improving

Languages

- 🔴 Portuguese ●●●●● Native
- 🇬🇧 English ●●●●● C2 - Proficient
- 🔴 Spanish ●●●○○ B2 - Independent
- 🔵 French ●○○○○ A1 - Basic

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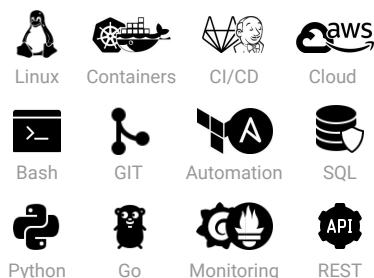
*Having 10+ years of experience with DevOps, I'm experienced with **modern technologies** (eg: Docker), proficient with **Linux** systems and many **DevOps tools** (Kubernetes, CI/CD, IaC) and I'm a **Python** and **Go** developer.*

*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 📍 full remote | Lisbon, Portugal

- Cloud management (AWS + Terraform)
- Restructuring DevOps best practices and *-as-code (Terraform, Ansible, Concourse-CI)
- 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
- 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

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

OTHER TECHNICAL EXPERIENCE & PROJECTS

2024 - President @ ANSOL.org (Open Source Portuguese Association) - 2024-present
2023 - New Terraform Provider: Env - github.com/tcarreira/terraform-provider-env
Hashicorp Terraform Providers (Speaker) - github.com/tcarreira/terraform-provider-apiserver
2022 - Advent Of Code 2022 - 25 days live solving tech riddles with Go - github.com/tcarreira/aoc2022
Speaker @ Python Brasil (tsuru) - youtu.be/gyLS37NVQHw
2021 - TreeTree2: computer architecture I - github.com/tcarreira/nand2tetris-autograder
2020 - Podcasting (host, audio editor, web developer, designer) - github.com/marmita-de-redon
Dashboard website project using Golang - github.com/tcarreira/roaw2020
2019 - Speaker @ Meetups and Conferences (Docker, Python, Terraform...) - tcarreira.github.io/presentations
Volunteer (technical) @ Ubucon Europe 2019 - 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, multiple choirs, philharmonic orchestra
Video production: youtube.carreira.pw, youtu.be/IKvtB-vNOek
Podcasting: marmita.pt (github.com/Marmita-de-Redon)
Personal skills: therapeutic massage (advanced integrated therapeutic massage course)
Maker: Arduino, Raspberry Pi