



Tiago Carreira

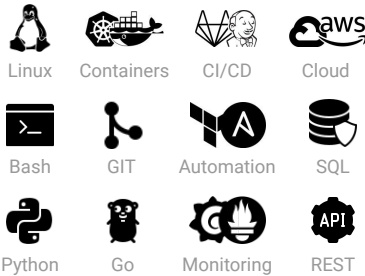
DevOps Engineer

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Soft Skills

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

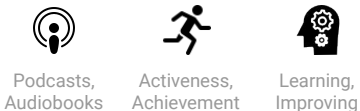
Technical Skills



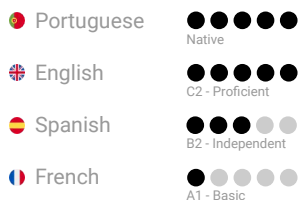
Technological Values



Personal Interests



Languages



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

DevOps / Cloud Specialist @ Globo.com

DevOps / Cloud Specialist - August 2020 - Present (2+ 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) - 300+ nodes | 15k+ pods
- Infrastructure deployment and automation at GCP with terraform
- 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

- Implemented a monitoring stack with High Availability, using Grafana + Prometheus + Thanos
- Developed a Python/Django RESTful API for SSL Cert management (from scratch to production)
- DevOps advocate: improving Continuous Integration and best practices among the organization
- 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, ...)
- Infrastructure as code with python/boto3
- Defined the infrastructure and deployment pipeline for a High Available service on AWS - telpark.com
- Managing Continuous Integration using Jenkins and Puppet

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 - 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/qyLS37NVQHw

FOSDEM 2022: Ubuntu stand website design & support - stands.fosdem.org/stands/ubuntu

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](https://www.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