



## Tiago Carreira

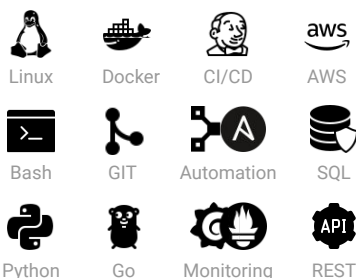
### DevOps Engineer

📍 Rio de Janeiro, Brazil  
📞 +55 21 98303-3680  
✉ [tiago.g.carreira.br@gmail.com](mailto:tiago.g.carreira.br@gmail.com)  
🌐 [linkedin.com/in/tcarreira](https://www.linkedin.com/in/tcarreira)  
🐙 [github.com/tcarreira](https://github.com/tcarreira)

## Soft Skills

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

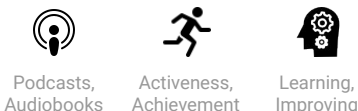
## Technical Skills



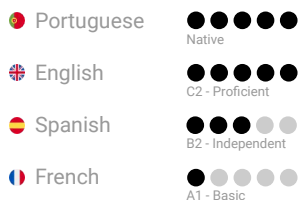
## Technological Values



## Personal Interests



## Languages



Having more than 7 years of experience with DevOps, I'm experienced with **modern technologies** (eg: Docker), proficient with **Linux** systems and many **DevOps tools** (eg: git, CI/CD, monitoring) and I'm confident developing in **Python** and **Go**.

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 @ Globo.com (Storm Group)

August 2020 - Present (10 months) 📍 Rio de Janeiro, Brazil

- Designed / improved CI/CD Pipelines, using Gitlab-CI and Docker
- Improved reliability for an API Gateway (Kong), serving 10K requests/s
- Programed and patch different code stacks (bash, Go, python, Lua, etc...)
- Provided support for multiple heterogeneous services across the company

### 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 (solely)
- Developed a Python/Django RESTful API for SSL Cert management (solely 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
- Solving internal operational tickets: forensics, bugs detection, infrastructure management

### 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

### MSc. in Electrical and Computer Engineering

Instituto Superior Técnico | 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

### Training & Courses

- May 2020 - NDG Linux I/II course @ Cisco Networking Academy  
Essential System Services, Networking Fundamentals, Scripting, Administrative Tasks, Security
- Jan 2019 - LPI DevOps Tools Engineer @ Linux Academy  
Config management, Cloud, RESTful APIs, Microservices, CI/CD, Security, Monitoring
- Mar 2017 - Certified Ethical Hacker (CEH) @ e-careers  
System Hacking, SQL Injection, Cryptography, Penetration Testing

## OTHER TECHNICAL EXPERIENCE & PROJECTS

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)

REST API project using Python/Django - [github.com/tcarreira/jogging-tracker](https://github.com/tcarreira/jogging-tracker)

REST API project using Golang - [github.com/tcarreira/superhero](https://github.com/tcarreira/superhero)

2019 - Speaker @ Pyjamas Conf 2019 (Django on Docker) - [github.com/tcarreira/django-docker](https://github.com/tcarreira/django-docker)

Speaker @ Ubucon Europe 2019 (Docker) - [tcarreira.github.io/presentations](https://tcarreira.github.io/presentations)

Volunteer (technical) @ Ubucon Europe 2019 - [github.com/ubuconeurope](https://github.com/ubuconeurope)

2018 - TreeTree2: HAC - Hacking the learn process on math/physics/programming with 10-16yo people

## PERSONAL ENDEAVORS

**Sports:** running (marathon), cycling (Lisbon-Santiago 600+ Km), obstacle course racing

**Music:** clarinet, transverse flute, guitar, piano

**Music groups:** company's band, [TUIST.tecnico.ulisboa.pt](https://www.tuisttecnico.ulisboa.pt), multiple choirs, philharmonic orchestra

**Video production:** [youtube.carreira.pw](https://youtube.carreira.pw), [youtu.be/IKyTB-vNOek](https://youtu.be/IKyTB-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