Tiago Carreira

DevOps Engineer

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- github.com/tcarreira

Soft Skills

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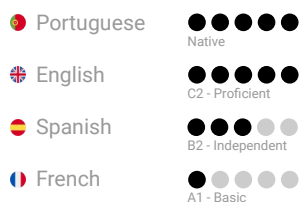
Technical Skills

Linux Docker CI/CD AWS

Bash GIT Automation SQL

Python Go Monitoring REST

Technological Values

Open source

Everything as code

Community driven

Personal Interests

Podcasts Audiobooks

Active Achievement

Learn Improve

Languages

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

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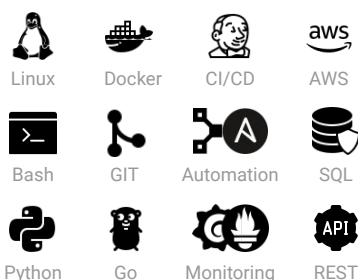
*Having more than 7 years of experience with DevOps, I'm experienced with **modern technologies** (eg: Docker), proficient with **Linux** systems and many **DevOps tools** (eg: git, CI/CD, monitoring) and I'm confident developing in **Python** and **Go**.*

*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 (7 months) 📍 Rio de Janeiro, Brazil

- Programed different code stacks (bash, Go, python, Lua), improving services performance and resilience
- CI/CD pipeline design with Docker and Gitlab-CI
- Built a replicable stress testing setup for an API gateway (Kong), with Docker
- Security analysis (with reported vulnerability) at Kong open source

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 deploy a High Available service (~100K requests/h) 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
2020 - Podcasting (host, audio editor, web developer, designer) - github.com/marmita-de-redon
      Dashboard website project using Golang - github.com/tcarreira/roaw2020
      REST API project using Python/Django - github.com/tcarreira/jogging-tracker
      REST API project using Golang - github.com/tcarreira/superhero
2019 - Speaker @ Pyjamas Conf 2019 (Django on Docker) - github.com/tcarreira/django-docker
      Speaker @ Ubucon Europe 2019 (Docker) - tcarreira.github.io/presentations
      Volunteer (technical) @ Ubucon Europe 2019 - 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, multiple choirs, SFSAS 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