

# Tiago Silvestre Condeixa

Berlin, Germany | [tscondeixa@gmail.com](mailto:tscondeixa@gmail.com) | (+351) 916064732 | [linkedin](#)

---

## Skills

Go | Python | Bash | C | Github | Git

AWS | Kubernetes | Terraform | Docker | Grafana | Prometheus | Loki | Jenkins | PostgreSQL

## Experience

### Zalando

#### Senior Software Engineer (Cloud Infrastructure)

*August 2021 - Present*

- **Lead** the migration of entire AWS central infrastructure to AWS Cloudformation, including the **Development** of a golang application to manage Cloudformation stacks for 300+ accounts and multiple regions (apply, plan, validation).
- **Designed** and **Implemented** a golang service to support the CI/CD by managing AWS Cloudformation stacks for 2000+ engineers, including validation, plan and deployment.
- **Lead** the migration of Cloud Infrastructure access (Users and CI/CD) to Okta, including the **development** and **distribution** of a golang CLI used daily by 2000+ engineers.
- **Coordinate** Cyberweek preparations with the entire company by representing the Infrastructure Organization.
- **Designed** and **Implemented** a solution to create, update and rotate application tokens for 1000+ applications, saving 500+ hours per month of Engineers time and reducing the amount of related incidents by 10%.
- **Supported** the migration of self-managed Kubernetes clusters to IPv6 EKS, including changes on the system to support multiple clusters per account.

### Zenjob

#### Senior Software Engineer (Platform) *January 2019 - July 2021*

- **Lead** the migration of 50+ Microservices to new Kubernetes clusters (AWS EKS and Istio) with no downtime and with residual Engineers effort.
- **Deployed** and **maintained** Jenkins CI/CD for 100+ Engineers and 50+ pipelines, including abstractions in Groovy to deploy all common use-cases.
- **Developed** a Python CLI to simplify the daily tasks for 100+ Engineers interacting with the Platform, saving 300+ hours per month of Engineers time.
- **Deployed** and **maintained** Kubernetes Clusters (AWS EKS and Istio) and out-of-the-box Observability with Loki, Prometheus, Jagger and Grafana.
- **Provided** Terraform modules to abstract complexity with out-of-the-box best practices

for 100+ Engineers, reducing by 500% and 100% respectively the time to create or update services.

## Veniam

### Software Engineer (Infrastructure) April 2017 - December 2018

- **Managed** AWS accounts and AWS services.
- **Adopted** Terraform for infrastructure provisioning and Puppet for configurations management.
- **Maintained** Nagios, InfluxDB and Grafana for monitoring and alerting.
- **Provided** ELK stack for logging.

### Systems Engineer September 2014 - March 2017

- **Developed** software solutions in C and some python regarding mobility management, multihoming and delay-tolerant communication for embedded devices and network controllers. This included developing and integrating network protocols, data caching, opportunistic communications, connection manager, DCHP, Wireguard, Multipath TCP.
  - **Defined** and **configured** the network that connects moving vehicles (embedded devices), network controllers and linux servers. Some examples include linux distribution setup, OpenWRT, OpenVPN, network configuration and iptables.
- 

## Education and Certifications

### University of Aveiro, Portugal

- **PhD** in Electrical Engineering (2009 - 2014) with a **PhD Scholarship** issued by Portuguese National Science Foundation.
- **MSc** in Electronic and Telecommunications Engineering (2004 - 2009) with a **Merit Scholarship** as one of the best students of 2008/2009.

## Certifications

- Linux Foundation: [Certified Kubernetes Application Developer](#) (Issued Feb 2023 - Expires Feb 2026)
- HashiCorp: [Certified Terraform Associate](#) (Issued Jul 2020 - Expired Jul 2022)
- Amazon Web Services (AWS): [Solutions Architect Associate](#) (Issued Nov 2018 - Expired Nov 2020)