

# Tiago Silvestre Condeixa

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## Skills

Go | Python | Bash | C | Lua | Rego | Javascript/Typescript

AWS | Kubernetes | Docker | Terraform | PostgreSQL | Grafana | Prometheus | Lightstep | Nobl9 | Loki | Jenkins | OPA | Github | Git

## Experience

### Zalando

#### Senior Software Engineer (Cloud Infrastructure)

*August 2021 - Present*

- As part of Cloud Infrastructure team I'm responsible for operating, improving and extending the AWS infrastructure that is supporting more than 250 delivery teams and thousands of applications within Zalando. I'm helping to continuously improve the user experience, cost efficiency, reliability and compliance of the platform and reduce toil for the many developers interacting with the platform on a daily basis.

### Zenjob

#### Senior Software Engineer (Platform)

*January 2019 - July 2021*

- Provided Jenkins CI/CD for 100+ Engineers and 50+ Microservices, including abstractions in Groovy to deploy all common use-cases.
- **Deployed** and **maintained** Kubernetes Clusters (AWS EKS and Istio) and out-of-the-box Observability with Loki, Prometheus, Jagger and Grafana.
- **Lead** the migration of 50+ Microservices to new Kubernetes clusters (AWS EKS and Istio) with no downtime and with residual Engineers effort, increasing the deployment frequency by 100%.
- **Introduced** centrally provided Terraform modules to abstract complexity and ensure out-of-the-box best practices for 100+ Engineers, reducing by 500% the time to create new Microservices and by 100% the time to add new resources to the existing Microservices.
- Developed a Python CLI to simplify the daily tasks for 100+ Engineers, saving 300+ hours per month of Engineers time.

### Veniam

#### Software Engineer (Infrastructure)

*April 2017 - December 2018*

- Define, manage and automate the entire Infrastructure/Platform (cloud, network and embedded)
- through Infrastructure as Code, software release management, configurations management, CI/CD pipelines, security, monitoring/alerting.

## Systems Engineer

*September 2014 - March 2017*

- Defined and implemented the network that connects moving vehicles (embedded devices), network controllers and linux servers.
  - Developed software solutions regarding mobility management, multihoming and delay-tolerant communication for embedded devices and network controllers.
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# 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)