



# Rui Coelho

## DevOps Engineer

In 2020 I graduated from Software Engineering at the University of Aveiro and in 2021 I started my Masters in Cybersecurity at the same university. Since I graduated, I entered the job market in the area of software development, having started my path in backend development, later I migrated to the area of DevOps in which I have been specializing and working over the last few years.

## Contact

### Phone

(+351) 925633028

### Email

rui\_m\_coelho@icloud.com

### Address

Porto, Portugal

## Programming

- Python
- Java
- NodeJS
- Go
- Bash

## Expertise

- Kubernetes
- Docker
- Terraform
- Git
- CI/CD Tools
- Helmcharts

## Language

English

Portuguese

## Experience

○ 2022-2023

Valispace | Altium

### DevOps Engineer

Leading efforts to containerize applications using Docker and managing orchestration platforms for seamless deployment;

Designing and implementing CI/CD pipelines to automate software delivery and deployment processes, fostering a culture of continuous integration and delivery;

Building and maintaining AWS infrastructure as code using Terraform, ensuring scalability and resiliency.

○ 2022-2023

Kodly | Desigual

### DevOps Engineer

Migration of the Docker environment to Kubernetes using Tanzu and EKS;

Migration of Jenkins pipelines working on Docker to Kubernetes;

Creation of helm charts to deploy services on Kubernetes;

Maintenance and monitoring Docker and Kubernetes environments;

Implementation of CD process using ArgoCD

○ 2021-2022

Altice Labs

### DevOps Engineer

Migration process from the existing solution using Docker Swarm to Kubernetes;

Migration from SVN to Git keeping the entire commit tree;

Instantiation of the Kubernetes cluster using K3S and RKE 2;

Maintenance and monitoring of the virtualized infrastructure;

Build CI/CD pipelines for the multiple services using Drone CI and Github Actions.

○ 2020-2021

Altice Labs

### Backend Software Developer / DevOps Engineer

Development of RESTFull APIs;

Unsupervised machine learning algorithms for textual similarity detection;

Sentiment Analysis API (polarity, emotion, urgency);

Migration of services using javascript to Go;

Maintainance of legacy code bases;

Docker Swarm environment updates and monitorization, containerization of applications

## Education

○ 2021-Now

University of Aveiro

### Masters in Cybersecurity

○ 2016-2020

University of Aveiro

### Software Engineering Degree