



# Luís Sousa

## Experience

### Road

#### Software Engineer

Jan 2024 - Present

Amsterdam, Netherlands

- Designed and implemented an event-driven system using Go, gRPC, Redpanda, and GCP to enable anonymous payments for EV charging sessions in compliance with AFIR regulations.
- Implemented a redesigned account creation flow using TypeScript, integrating Mixpanel for tracking user actions.

### OLX

#### Software Engineer

Jul 2021 - Dec 2023

Lisbon, Portugal

- Designed and implemented RESTful microservices using Go and AWS to enable high-volume listers to post inventory and handle the monetization of large amounts of adverts across multiple countries.
- Deployed and managed services on AWS using Kubernetes, Docker, Terraform, and ArgoCD.
- Implemented monitoring and alerts using New Relic, and set up log management using Kibana.
- Conducted performance tests on advert ingestion APIs using Python.
- Maintained a legacy monolith in PHP.
- Mentored junior and trainee team members.

### Blaua

#### Software Engineer

Mar 2021 - Apr 2021

Remote, Portugal

- Optimized the conversations page with efficient SQL querying, reducing loading time from over 10 seconds to less than 1 second.
- Implemented conversation filtering, export to CSV, and live chat functionalities.

## Education

### Instituto Superior Técnico

Feb 2019 - Jan 2021

#### MSc in Computer Science and Engineering

GPA: 18/20

### Vilnius Gediminas Technical University

Sep 2018 - Jan 2019

#### MSc in Computer Engineering (Erasmus)

### Instituto Superior Técnico

Sep 2015 - Jun 2018

#### BSc in Electrical and Computer Engineering

## Contact

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[luislampreia.com](http://luislampreia.com)

## Skills

### Programming Languages

Go, JavaScript, Python

### Cloud Infrastructure

AWS, GCP, Kubernetes

### DevOps

Docker, Git, Terraform, ArgoCD

### DBMS

DynamoDB, PostgreSQL, MongoDB

### Web Development

React, Next.js

### Tools and Monitoring

New Relic, Kibana, Grafana

## Languages

### Portuguese

Native

### English

Fluent (C2)

### Spanish

Basic (A2)

### German

Basic (A1)