



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.

Blaauw

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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github.com/LuisLSousa

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, Graphana

Languages

Portuguese

Native

English

Fluent (C2)

Spanish

Basic (A2)

German

Basic (A1)