# Luís Loureiro

- 🌐 Portuguese
- 📍 Lisbon, Portugal
- @ luis12loureiro@gmail.com

- 🎓 Master in software engineering
- 💬 Portuguese Native Language, *English* B2.
- ⌨ github.com/luis12loureiro

Short Resumé

2023–Now

Fullstack Developer
LISBON · Border Innovation 📍

I am currently working at Border Innovation/Vodafone as a **fullstack** developer. Develop and maintain applications to assist technicians in providing customer support, enhancing service efficiency and resolution accuracy for Vodafone. I use **Angular** for frontend development, with **Node.js**, **Express**, and **NestJS** for back-end services. Manage data storage and retrieval through **Oracle** databases, and streamline deployment and CI/CD processes with **Docker** and **Jenkins**.

2020–2022

Fullstack Developer
LISBON · CardioID Technologies 📍

I had a professional internship through IEFP at CardioID from October 2020 to March 2022. I worked as a **fullstack** developer and used **Python**, **React**, and **MariaDB**. I was responsible for developing a back-office frontend application with React for the i-DREAMS project. For back-end I used Python with the **Flask** framework to build an API. In this project, I also used **AWS buckets** for image storage and **AWS cognito** service for authentication.

2011–2013

Professional Football
LISBON · União Desportiva Alta de Lisboa 📍

I played competitive football from the age of 13 to 15. Twice a week, about 1 hour at União Desportiva Alta de Lisboa.

A few projects

2022	Driver profile classification with ML and Python
2022	Information system for a product selling company with distributed databases, .NET and SQL Server
2022	Car parking control system using Python and IoT devices
2021	Distributed system to provide data on speed events from multiple motor vehicles, using Java and gRPC
2020	Automatic person and license plate video obfuscation using Python
2020	Doodle jump lookalike game for android
2020	Music Management System with PHP and MySQL
2019	Automatic classification of IMDb movie critics using Python

Degrees

2020–2023

Master's
CERTIFIED · Instituto Superior de Engenharia de Lisboa (ISEL) 🏛
Degree in Computer and Software Engineering

2016–2020

Bachelor's Degree
CERTIFIED · Instituto Superior de Engenharia de Lisboa (ISEL) 🏛
Degree in Computer Engineering and Multimedia

Published Articles

Luís Loureiro, Artur Ferreira and André Lourenço
Finding Driver Styles on Driver Behavior Data with Unsupervised Learning
Portuguese Conference on Pattern Recognition (RECPAD), Leiria, Portugal, October 2022.

Luís Loureiro, Artur Ferreira and André Lourenço
On the development of a driver profile classification system
i-ETC: ISEL Academic Journal of Electronics, Telecommunications and Computers, October 2022.

Luís Loureiro, Artur Ferreira and André Lourenço
Building a Dataset for Trip Style Assessment Based on Real Trip Data
12th International Conference on Data Science, Technology and Applications, Rome, Italy, July 2023.

Certificates

2017 Certificate in English Level 1 (B2 level), validated by Cambridge School

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I enjoy working, especially with back-end technologies, develop full stack applications, and I have a lot of interest in the area of Machine Learning. I have worked with many programming languages and frameworks along the years and the qualifications below correspond to my experience and ease of using them.

- ★★★★☆ **Python** (Professionally)
- ★★★★☆ **Node.js: NestJS** (Professionally)
- ★★★★☆ **Typescript: Angular, React** (Professionally)
- ★★★★☆ **HTML, CSS/SCSS** (Professionally)
- ★★★★☆ **Oracle DB, MariaDB** (Professionally)
- ★★★★☆ **Flask, SQLAlchemy** (Professionally)
- ★★★☆☆ **Docker, Kubernetes, Jenkins** (Professionally)
- ★★★★☆ Java
- ★★★★☆ MySQL, SQL Server, PostgreSQL
- ★★★☆☆ C# .NET
- ★★★☆☆ gRPC
- ★★★☆☆ WCF
- ★★★☆☆ Entity Framework
- ★★★☆☆ PHP