

# LUÍS SILVA

Braga, Portugal

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## EDUCATION

### University of Minho

*Master's in Engineering and Management of Information Systems*

Braga, PT

Oct. 2023 - May 2026

### University of Minho

*Bachelor's in Engineering and Management of Information Systems*

Braga, PT

Oct. 2021 - May 2023

## TECHNICAL SKILLS

### Programming Languages

Java, JavaScript, Python, C, HTML, CSS, SQL, Bash

### Frameworks

Spring Boot, Quarkus, React, VueJS

### Developer Tools

Git/GitHub, Postman, Docker, IntelliJ, VS Code, Netlify

### Concepts

RESTful APIs, Microservices, Object-Oriented Programming,  
Data Structures and Algorithms

## PROJECTS

### Taskly | *Java, Spring Boot, PostgreSQL, VueJS* | [GitHub](#)

2025

- Web application for managing projects, providing statistics and a built-in chat feature for team collaboration.
- Implemented real-time communication in the chat using WebSockets and secured the application with JWT for user authentication.
- Containerized the application with Docker for easy deployment and consistent environment setup.

### ParkTub | *Java, Spring Boot, MySQL, React* | [GitHub](#)

2024

- Mobile parking app for check-in, check-out, bonus discounts, and secure payments with Stripe API.
- Used Kafka, SSE, and Niop for real-time parking space updates, providing users with live availability information.
- Rebuilt the system using a microservices architecture (DDD), containerized with Docker, and added Zipkin for distributed tracing and monitoring.

### MovieVerse | *Java, Spring Boot, MySQL, React* | [GitHub](#)

2024

- Full-stack e-commerce platform for movies, enabling browsing, filtering, and purchasing functionalities.
- Implemented user authentication with JWT, and integrated Stripe API for secure payment processing.
- Containerized the application using Docker for streamlined deployment and environment consistency.

### FleetTrack | *Java, Quarkus, MySQL* | [GitHub](#)

2024

- Backend system for optimizing vehicle routes, real-time tracking, and maintenance management.
- Built using Quarkus for performance, containerized with Docker for scalable deployment and ease of maintenance.

### HealthLink | *React* | [GitHub](#)

2024

- Responsive web platform for scheduling medical appointments.
- Containerized with Docker and deployed on Netlify.

## VOLUNTEER WORK

### YEAH Project

2022

*Braga, Portugal*

- Organized a fundraising event benefiting Casa da Criança, including a Zumba class and a charity walk.