

# LUÍS SILVA

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## WORK

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### Software Development Intern | *Critical Techworks*

6 months

- Developed and contributed to a web application for a BMW-related project by building and improving frontend and backend components, supporting business requirements and user experience goals.

## EDUCATION

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### University of Minho

Braga, PT

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

Oct. 2023 - May 2026

### University of Minho

Braga, PT

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

Oct. 2021 - May 2023

## TECHNICAL SKILLS

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### Programming Languages

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

### Frameworks

Spring Boot, Quarkus, Angular, React, VueJS

### Developer Tools

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

### Concepts

RESTful APIs, Microservices, Object-Oriented Programming

## PROJECTS

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### 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.

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

2024

- Responsive web platform for scheduling medical appointments, deployed on Netlify.

## VOLUNTEER WORK

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### YEAH Project

2022

Braga, Portugal

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