

LUÍS SILVA

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WORK

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

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

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

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

YEAH Project

2022

Braga, Portugal

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