ISABEL MOUTINHO

About Me

Currently 2nd year student of the Master in Software Engineering at Faculty of Engineering of the University of Porto.
I have a strong interest in web and mobile app development, which aligns with my broader curiosity in software engineering.

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Language

- Portuguese (native)
- English (fluent)
- Spanish (basic)

Expertise

- C/C++ and Java
- Visual Studio (SSIS)
- Power BI
- HTML, PHP and JavaScript
- Flutter (Dart) and Kotlin
- Data Analytics and Modeling
- Project Managment Tools (Github/DevOps)

Professional Experience

Software Engineer, ARMIS Group
Data Team
2024-2025 (2 years)

Was responsible for the end-to-end migration of internal data processing workflows from legacy SQL scripts to Azure SSIS pipelines, improving performance and maintainability. Designed and delivered ETL processes and Power BI dashboards used by company leadership, managing full development, QA, and production cycles under demanding stakeholder requirements. Contributed to a large-scale ANACOM project, developing ETL pipelines and data visualization dashboards while coordinating closely with a large team and a non-technical external client, navigating frequent change requests and ensuring alignment across the project.

Personal Projects

Software Engineering Project, FEUP
PoliTrack
2023 - Present

During my coursework in Software Engineering, I led a five-member team in conceptualizing, designing, implementing and testing a mobile application for accessing, exploring, and evaluating legislative initiatives proposed in the Portuguese Parliament, enabling users to stay informed, read full documents, search by keywords, view party profiles, and save or rate initiatives. This project extended beyond the course unit's duration and has evolved into an ongoing collaborative effort.

This experience has strengthened both my front-end and back-end development skills and deepened my understanding of software engineering processes, version control, team coordination, and effective communication through continuous, hands-on collaboration.

Education

Master in Software Engineering
University of Porto - Faculty of Engineering
2024 - 2026 (ongoing)

Bachelor of Informatics and Computing Engineering
University of Porto - Faculty of Engineering
2021 - 2024
Classification: 17