

# Pedro Monteiro

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## About me

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A dedicated Informatics Engineering student specializing in Front-end and Mobile Development. I thrive in collaborative team environments and am committed to mastering new technologies to increase development workflow and deliver high-quality and impactful projects.

## Education

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### Faculty of Engineering - University of Porto

Bachelor in Informatics and Computing Engineering

September 2023 – Present

- Web Development, Software Engineering, Algorithms and Data Structures, Databases

## Experience

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### Robotair

Frontend Engineer Intern

July 2025 - August 2025

- Implemented responsive, reusable UI components using React and Tailwind CSS, directly improving user interaction and platform functionality.
- Contributed to the platform's major redesign, ensuring the user interface met modern UI/UX principles and new 2025 design standards.
- Operated with a highly motivated team and participated in agile practices inside the company.

### NIAEFEUP

Project Manager

July 2025 - Present

- Leading the development of **uni**, a cross-platform Flutter application designed to streamline students' academic lives on one place only. Working on the expansion of the app to other university faculties.

Member

October 2024 - Present

- Contributed to the UI/UX redesign of **uni** by implementing a modern and more intuitive user experience.
- Developing the official NIAEFEUP website using a full-stack approach with Kotlin, Spring Boot, and Svelte.

### Semana de Informática 2025

Co-Head of Image & Communication Department

June 2025 - Present

- Co-leading the visual identity for the event by creating some marketing photos and videos, as well as physical merchandising for the participants while keeping brand consistency.

## Volunteering

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### Mentoring - INFORMATICS.OnBoard

September 2025 - Present

- Mentoring first-year students, offering guidance on coursework, university resources, and adjustment to academic life.

## Projects

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### EcoTracker

[github.com/pedroafmonteiro/ecotracker](https://github.com/pedroafmonteiro/ecotracker)

- Co-developed a mobile energy tracking application using Flutter and Firebase, empowering users to monitor their consumption and make informed, eco-friendly decisions.

### Hyrio

[github.com/pedroafmonteiro/hyrio](https://github.com/pedroafmonteiro/hyrio)

- Engineered a full-stack freelance marketplace platform with a focus on a clean, intuitive, and responsive user interface using PHP, HTML, CSS, and JavaScript.

## Skills

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**Programming Languages:** Dart, Javascript, Typescript, C++, C, Java, Kotlin, PHP

**Software Development:** Object Oriented Programming, Architecture, Unit Testing

**Soft Skills:** Teamwork, Collaboration, Conflict Resolution

**Tools:** Linux, Git, Figma, Davinci Resolve

**Languages:** Portuguese (Native), English (B2)