



Hugo Monteiro

Vila Nova de Gaia, Porto, Portugal

Education

Bachelor's Degree in Computer Engineering

ISPGAYA

September 2021 -

- **Key Courses:** Software Engineering, Web Development, UI/UX Design, Database Management, Project Management, Mathematics.
- Proficient in Java and Python with multiple projects in those languages.
- Experienced in developing Android mobile apps with Dart (Flutter).
- Developed 20+ websites and applications throughout the degree, including several web projects using HTML, CSS, JS, PHP and React.js.
- Worked extensively with Agile/SCRUM methodologies on academic and extracurricular projects.
- Extensive experience in SQL and database management, working on projects involving database design, optimization, and data retrieval for web and mobile applications.

Projects

ECoal23 (Lens, France)

- Collaborated with a team to develop *Soccer Savvy*, a web app in React for football fans, applying SCRUM methodologies throughout the development.
- Led the UI/UX design using Figma and implemented secure authentication using Laravel for the back end, ensuring user data protection and reducing login-related errors.
- Integrated an API of world football leagues, allowing for real-time updates on live matches and news.

15 Minute Eco City (Łódź, Poland)

- Worked to develop an app promoting sustainable living in new cities.
- Created detailed UI/UX mockups using Figma, and contributed to user journey mapping, improving app usability.
- Designed core features, such as housing recommendations based on user preferences and eco-friendly lifestyle criteria.

Inclusive Internationalization (Chania, Greece)

- Headed an international team of developers and therapists in charge of creating a Virtual Reality tool to help people on the autism spectrum, especially kids and teenagers, to cope with stressful situations, used Agile development practices for iterative feedback.
- Developed, using Unity, the simulated environments, supermarkets and parks, with adjustable variables such as crowd size and noise levels, providing personalized stress management scenarios that improved participant involvement and engagement.

Certificates

Programming with Python by Python Institute

- Completed the OpenEDG Python Institute Professional Certificate, deepening proficiency in Python, particularly in software development and data management.

Full-Stack Development by MIMO

- Acquired comprehensive skills in web development, including proficiency in React, Node.js, Express.js, and SQL, for building modern, scalable web applications.

Career Essentials in Cybersecurity by Microsoft

- Gained essential knowledge of cybersecurity, exploring the current threat landscape and learning how to implement core security concepts in software development.

Contact

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About Me

Passionate about technology with a strong foundation in web development, software engineering and information systems.

Through participation in several international projects, I had the opportunity to lead and collaborate in diverse teams, contributing to the creation of various tools and applications.

I am a fast learner, and I am eager to bring my technical expertise to new roles.

Open to new opportunities globally.

Expertise

Languages: Python, PHP, Java, Dart, HTML, CSS, JS

Frameworks: React, Flutter, Laravel

Tools: Unity, Figma, Git

Databases: MySQL, SQL, Firebase

Languages

English (C2)

Portuguese (Native)

Spanish (B1)