Hugo Monteiro

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# SUMMARY

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.

# EDUCATION

## Bachelor’s degree in Computer Engineering ISPGAYA

September 2021 – January 2025 (expected)

* **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.
* Gained 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, March 2023)

* 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 Sustainable City** (Łódź, Poland, September 2023)

* Worked to develop *Ipsum Vitae*, 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, Feb 2024 – May 2024)

* + Part of an international team of developers and therapists in charge of developing a Virtual Reality tool to help people on the autism spectrum, especially kids and teenagers, to cope with stressful situations, using Agile development practices for iterative feedback.
  + Developed, using Unity, 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.

# EXPERTISE

* + - **Languages:** Python, PHP, Java, Dart, HTML, CSS, JS
    - **Frameworks:** React, Flutter, Laravel
    - **Tools:** Unity, Figma, Git
    - **Databases:** MySQL, SQL, Firebase
    - **Development Methodologies:** SCRUM, Agile

# LANGUAGES

* + - Portuguese (Native)
    - English (C2)
    - Spanish (B1)

# CERTIFICATES

**Programming with Python** by Python Institute

* Completed the OpenEDG Python Institute Professional Certificate, deepening proficiency in Python for real-world applications, 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.