



# MATILDE OLIVEIRA SILVA

JUNIOR SOFTWARE ENGINEER DEVELOPER

## CONTACT

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[Linkedin Profile](#)

[GitHub Profile](#)

## TECH STACK

- Programming Languages:

Python | C | C++ | PHP |

HTML | CSS | Java |

JavaScript | SQL | MATLAB

- Frameworks and Tools:

React | GitHub | CLion |

Visual Studio Code

## LANGUAGES

- Portuguese (Native)
- English (Fluent)
- Spanish (Intermediate)

## OTHER INTERESTS

- Generative AI
- Cyber security
- Creative Coding
- Robotics and Automation

## PROFILE

Alongside my studies, I actively look for opportunities to gain hands-on experience in software engineering, always striving to understand and execute tasks independently from start to finish. My background also includes an integrated program in dance and music, which taught me the importance of dedication, discipline and teamwork. I enjoy exploring how technology can solve complex problems, particularly in areas like AI and cybersecurity where there's always something new to learn.

## EXPERIENCE

**Full-Stack Developer - *Droplawi***

03/2025 - Present

*Droplawi is a wholesale company of vintage second-hand clothing.*

- A self-initiated role in which I proposed, designed, and developed the company's official website from concept to deployment. My work involved creating the visual identity, defining the site's design, structure and implementing both backend and frontend using **JavaScript, CSS and HTML**.
- Currently using **React** in parts of the page to explore component-based architecture and to improve frontend skills.

**Web Developer - FEUP, University of Porto**

02/2025 - 05/2025

*Responsible for developing in a team an internal full-featured web freelance marketplace, inspired by Fiverr.*

- Implemented features such as user authentication account, services available, publish and purchase services, exchange messages internally and review services.
- **Integrated external APIs** to manage authentication and validate users, ensuring security, scalability and maintainable code.
- Backend data basis was implemented with **PHP** and **SQL** and frontend was built using **HTML, JavaScript** and **CSS** delivering a functional and responsive design.

**Generative AI Summer Camp - INESC TEC**

07/2025 - 08/2025

*Institute for Systems and Computer Engineering, Technology and Science*

- Explored generative AI models for image and video creation (**DeepFloyd, Kadinsky, Stable Diffusion, Versatile Diffusion, DALL-E 2/3, PixelSpace, Latent Diffusion, Giide, CLIP, BLIP**) using **Python**.
- Learned to craft prompts to generate content aligned with user intent, gaining practical skills in AI-assisted creativity.
- Concluded that generative AI can dramatically speed up creative workflows and expand possibilities for digital content, reinforcing my interest in AI and creative technologies.

- **Vita4All - Set.Up Guimarães** 12/2025 - Present  
*First Responder Mobilization Platform for Rapid Emergency Response.*
  - Currently developing a **JavaScript application** for rapid first responder mobilization, fully responsible for design, architecture, coding, and implementation of core features, ensuring functionality, performance, and scalability.
- **Marketing & Brand Content - Ecojofon** 2024/2025  
*Ecojofon is a sustainable and eco-friendly cars company.*
  - **Conceptualised** and **executed** all creative ideas behind **marketing campaigns** and **social media content**. Planned strategies to attract and engage audiences, enhancing brand visibility and reach. Gained valuable experience in professional communication and audience interaction.



## ACHIEVEMENTS

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- **Guinness World Record Holder - IST, University of Lisbon** 04/2024  
*World's largest computer programming lesson with 1,668 participants.*
  - Achieved official recognition, primarily using Python, certified by Guinness World Records.
- **Project Volunteer - Startups & Investment Matching, Porto** 05/2024  
*Event connecting startups with investors, fostering innovation and business opportunities.*
  - Helped organise team activities and events, making sure everything ran smoothly and improving my teamwork and planning skills.
  - Welcomed clients from different industries around the world and heard about the plans of various startups, increasing my interest in technology and innovation, while learning more about the tech world and new business ideas.



## EDUCATION

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- **Bachelor's Degree in Software Engineering - 3rd Year Student** 2023/2024  
Engineering College | FEUP at U.Porto
- **First Certificate in English Cambridge** 2022/2023  
University Press & Assessment English
- **Highschool** 2022/2023  
Science & Socioeconomic branch | Colégio das Terras de Santa Maria  
Average: 19.3