

Letícia Veiga Cena da Silva
Web Developer | Front-End Developer
Castanheira do Ribatejo, Portugal

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🌐 www.linkedin.com/in/leticiaveigacs | 💡 **PORTIFOLIO**

PROFILE

Front-End Developer with a Master's Degree in Industrial Engineering and a Bachelor's Degree in Electrical Engineering, specialising in Industrial Process Automation and Robotics. Possesses solid experience in institutional and commercial projects. Co-founder of Grasper, responsible for the development and management of the company's promotional website on AWS and for collaboration on the MAN4HEALTH project, creating a WordPress landing page integrated with MySQL. Contributed to projects such as "Swatch" (ASP.NET and C#) and "Chocolateria" (PHP and MySQL).

Technical skills include HTML, CSS, JavaScript, Bootstrap, and React, with expertise in databases such as MySQL and SQL Server. Proficient in Git and GitHub, with familiarity in WordPress and Elementor for creating intuitive user interfaces. Demonstrates a proactive and organised approach, seeking challenging opportunities in web and front-end development, valuing collaboration within teams. Utilises Kanban and Trello for effective project management, showcasing flexibility and a strong ability to quickly learn new technologies.

KEY SKILLS

Programming Languages

- Front-end: HTML, CSS, JavaScript

Frameworks and Libraries

- Front-end: Bootstrap, React.

Technologies and Tools

- Version control: Git, Github.
- Databases: MySQL, SQL Server.
- Command Line: Bash and Powershell
- Technologies: C, C++, Markdown, PHP
- Interfaces: Elementor, WordPress.
- Programs: Figma, Trello, MatLab, Microsoft Office

Soft Skills:

- Teamwork, Leadership, Problem Solving, Proactivity, Organisation.

LANGUAGE

- Portuguese – Native.
- English – B1

PROJECTS

Web Developer - "Ecommerce" – Associated with Freelancer (In progress)

- Uses **WordPress**, **Elementor**, **WooCommerce**. An online store for healthy food products and supplements.

Web Developer - "Travel Blog" – Associated with Freelancer (In progress)

- Uses **HTML** and **Bootstrap**. A blog for women over 50 who enjoy adventure travel.

Web Developer - "Movies Flix" –

- Utilized **React**, **HTML**, **CSS** and **Javascript**. Key features include searching for films via the OMDb API, dynamic rendering of film cards based on user input.

Web Developer - "EcoWonders" –

- Development of the EcoWonders platform focused on wildlife, using **HTML** and **Bootstrap** to create a responsive site with an interactive carousel, informative cards, and detailed modals.

Web Developer - "Swatch" – Associated with Web Programming

- Development of the web application Swatch for managing users and enrolments in watch courses, using **ASP.NET**, **C#**, **SQL Server**, **HTML**, and **CSS**. The platform offers registration, authentication, and data export features.

Web Developer - "Chocolateria" – Associated with Web Programming

- Developed a web application in **PHP**, **HTML**, **CSS**, **Javascript** and **MySQL** for an online chocolate shop. Implemented CRUD operations and authentication (administrator).

Web Developer - "Ecological Blog" – Associated with Web Programming

- Developed an interactive website using **JavaScript**, **HTML**, and **CSS**. This blog was focused on sustainability and the environment. It featured a responsive user interface and a slider.

Web Developer - "To-Do List" – Associated with Web Programming

- Developed an interactive website using **JavaScript**, **HTML**, and **CSS**. It included a to-do list to organise activities.

Web Developer - CIMO CC – Associated with Freelancer

- Created a WordPress-based homepage with search functionality for the Centro de Investigação em Digitalização e Robótica Inteligente (CeDRI). Using **WordPress**, **Elementor** and **MySQL**.

Web Developer - VALLPASS – Associated with Freelancer

- Developed an informative site for the VALLPASS project at CeDRI using **WordPress**, **Elementor** and **MySQL**.

Web Developer - MAN4HEALTH – Associated with Electronic Engineer – Man4Health (IPB)

- Developed and managed a **WordPress**, **Elementor** and **MySQL** site for scientific dissemination for the MAN4HEALTH project.

Web Developer - Grasper – Associated with Chief Technology Officer (CTO) and Co-Funder – GRASPER

- Built and managed a promotional website using **AWS (LightSail), MySQL, Xampp, and WordPress, Elementor**, including domain configuration and site maintenance.

EMPLOYMENT HISTORY

Front-end Developer – Freelancer , Aug. 2023 - Current

- Freelance front-end developer, providing good solutions for the projects. Expertise includes creating engaging user interfaces, using the latest technologies. Committed to delivering exceptional results that meet the specific needs of each client, ensuring a positive user experience in every interaction.
- Skills: Bootstrap, CSS, Git, GitHub, HTML, JavaScript, Markdown, MySQL, PHP, React, SQL Server.

Electronic Engineer – Man4Health (IPB), Sep. 2021 - Jul. 2023

- Participation in a national research project, called Man4Health, aimed at integrating automation and smart farming as soil management strategies in olive cultivation, to mitigate soil degradation resulting from excessive use of fertilisers.
- Enabled activities in electronic instrumentation, process integration and modelling, remote sensing, and work within the scope of the Internet of Things, in the area of electronic instrumentation and programming.
- Development of a low-cost measurement node for measuring different soil and air parameters, installation of a sensor network in the olive grove, and calibration of humidity and luminosity sensors. Involved datasheet analysis, test execution, project development report elaboration, and budgeting.
- Skills: Arduino, Grafana, MS Office, MySQL. Node-Red, WordPres.

Chief Technology Officer (CTO) and Co-Funder – GRASPER, Out. 2020 - Out. 2021

- Project aimed at creating an orthosis for the hands to help people with basic movement difficulties. As a Co-founder and Entrepreneur, main activities included project design, test evaluation, and development of an innovative product.
- Development of the company's business plan, contacts with partners, supporters, and suppliers, and other activities related to the pre-seed phase of the project. Awarded 3rd place for Innovative and Creative Products in the 4th edition of the National Contest for Young Entrepreneurs.
- Skills: AutoCAD , AWS Amazon, Amazon Lightsail, Figma, Ultimaker Cura, WordPress, 3D printing.

Electrical Engineer Trainee – CALIBRAFRUTA, Equipamentos Hortofrutícolas, Dez. 2019 - Fev. 2020

- Development of industrial electro-technical projects, using AutoCAD, parameterisation, and calibration of horticultural equipment, commissioning of equipment, PLC programming learning (Programmable Logic Controller), and monitoring of maintenance teams.
- Responsible for the elaboration of technical documents, bills of materials, and budgets. Developed analysis and problem-solving skills and leadership.
- Skills: AutoCAD Electrical, MS Office, NX 9.0, PLC.

EDUCATION AND TRAINING

Web Programming - (350 hours) - CINEL, Feb. 2024 – Jun. 2024

The course (350 hours) provided an immersion in the main methodologies and software development techniques focused on the web. Acquired essential skills to develop web content and applications, create and customise dynamic pages using scripting, and programme applications with access to databases. The course covered the implementation of practical projects, providing an overview of the various phases of web development.

Skills: , ASP.NET, C/C++, C#, CSS, Git, GitHub, HTML, JavaScript, PHP, MySQL, SQL Server.

Programming Logic (Javascript) - Bootcamp: iFood Power Tech (60 hours) - DIO, Nov. 2023 – Dez. 2023

The valuable educational opportunity focusing on programming logic using JavaScript. Spanning over 60 hours, the program covered foundational concepts such as algorithms, variables, and conditional structures, along with advanced topics including functions, logical operators, and JSON data manipulation. Participants engaged in an open-source project on GitHub, enhancing skills in Git, GitHub, and Agile Methodologies.

Skills: Programming (computing), JavaScript, Agile Methodologies, Git, GitHub.

Postgraduate Degree – Robotics and Automation of Industrial Processes – Uniamérica, Mar. 2023 – Mar. 2024

Understanding the applications of automation and robotics solutions to solve problems or challenges of production processes and how to implement them, focused on improving the productivity of industrial activities.

Skills: Artificial Neural Networks, Control and Automation, Automation Projects, Logistics, Measuring Instruments, Robotics, Mechatronics, Internet of Things, Microcontrollers.

M.Eng. in Industrial Engineering (Electronic Engineering) – Polytechnic Institute of Bragança (IPB), Sep. 2018 – Dec. 2019

Development of a master's dissertation on "Parameter Selection Methods in the Identification of Pathologies of the Larynx". The project allowed the use of audio signal processing, developed between September 2018 and December 2019, with the application of Neural Networks and Machine Learning techniques.

Skills: Artificial Intelligence, Machine Learning, Neural Networks, Programming, Industrial engineering, Matlab, Signal Processing.

Bachelor's Degree in Electrical Engineering - Federal University of Technology - Paraná (UTFPR), Mar. 2014 – Jul. 2020

Participation in a scientific initiation project starting in 2015, with research in Didactic Development at the Laboratory of Optics and Modern Physics and hands-on practice with Arduino and Raspberry Pi. In early 2017, research was carried out at the Laboratory of Signal Processing and Applications in Quantification of Cumulative Vocal Cord Vibration Using Accelerometer.

Skills: Matlab, Microcontroller, Signal processing, Programming (computing).