Mariana Valente
Information Technology Degree

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https://www.linkedin.com/in/mariana-v-932247114/|
Github: https://github.com/mariannerv | **Address**: Lisboa, Loures
Willing to relocate

PROFESSIONAL PROFILE

I have a strong foundation in backend and frontend programming and computer networks, along with some knowledge in areas related to cybersecurity, which I aim to continuously apply and expand. I am characterized by a fast-learning ability, resilience, and a high level of attention to detail in all the tasks I undertake—skills I have developed during my years at university and through work.

SKILLS

- **Technical Skills:** Python, Java, SQL, PHP, Google Cloud (GCP), Laravel 10, MongoDB, Bash, Git, Metodologias Agile, Docker
- **Certificates:** TryHackMe Complete Beginner Learning Path;

- **Languages Spoken :**

  - **Portuguese** – Native
  - **English** - Fluent (C2 Level)
  - **Spanish** - Conversational

PROFESSIONAL WORK EXPERIENCE

Analyst Consultant at **Brighten Consulting** (now called BSO) | November 2024 – Present

- **Project Lead on Web App Development:**
  - Spearheaded the development of a web application using a low code platform.
  - **Successfully brought the project to fruition**, significantly accelerating its progress since joining the team.
  - Set up the Virtual Private Server (VPS), managed domain and SSL certificate.
  - Learned and applied **Vue.js** to implement a customized user interface.

- **Digital Transformation Initiative for the Medical Faculty of the University Of Lisbon:**
  - Attended critical meetings to understand the digital transformation needs of a key client.
  - Developed and presented a comprehensive plan outlining Key Improvement Points and strategies to achieve them.
  - Enabled the client to enhance their digital capabilities, aligning with their transformation goals.

KEY PROJECTS DEVELOPED

Final Degree Project| PeA (Perdidos & Achados) | September 2023 – June 2024| Technologies: Laravel 10, Bootstrap, Git, MongoDB, Google Cloud (GCP), Apache 2, Bash, Postman, HAProxy;

- Project Manager;
- Developed the entire REST API in **Laravel**;
- Implemented load balancers and servers using **Google Cloud (GCP)** and **HAProxy**;
- Developed Bash scripts to automate the application's build and deployment, promote elasticity between virtual machines (VMs), and create firewall rules to block IPs based on countries.
- Conducted fault tolerance testing on load balancers, servers, and databases.
- Performed vulnerability testing following **OWASP** documentation.
- Carried out API acceptance testing with **Postman**.

Web Applications and Services Project | Lisboa + Perto | February 2024 - June 2024| Technologies: PHP, MySQL, Javascript, AJAX, NuSOAP;

- Designed and implemented the **SQL database**.
- Implemented CRUD operations + occurrence search/filter using **PHP**.
- Developed the occurrence management page for employees with **PHP** and **CSS.**
- Implemented user-staff chat feature using **AJAX**.

EDUCATION

Bachelors in Information Technology | *Faculdade de Ciências da Universidade de Lisboa (FCUL)*

2020 –Jan 2025

Bachelors in Management (incomplete)| ISCAL | *Completed 68/180 credits*

2018-2020

EXTRACURRICULAR ACTIVITIES

- **Volunteer at Websummit** – *November 2019*
- **Volunteer at Lisboa Games Week** – *December 2019*
- **Volunteer at União Zoófila (Animal Protection Association)** – *July 2022 to September 2022*
- **HTB Cyber Apocalypse 2021 (Capture the Flag Event)** - *April 19, 2021 - April 23, 2021*