



Nuno Tiago Morais Gonçalves

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ABOUT ME

I'm an enthusiast in technology in general focusing on programming, currently taking a course on software development. I've been in two internships, i learned a lot and i can say with certainty that the work i made there was useful. I like challenging myself and my skills so that i can improve them.

WORK EXPERIENCE

Software developer

Ficosa [22/04/2024 – 12/07/2024]

City: Porto | **Country:** Portugal

Main tasks:

- Initial configuration and maintenance of a weighing system in Raspberry Pi 5
- Maintenance and configuration of computers
- Diagnose and solve software and hardware problems. Provide step-by-step guidance to resolve problems. Refer complex problems to higher-level IT staff if necessary. Document problems and solutions for future reference.
- Analyse the daily backup of server data and confirm that the server and files have been successfully saved, remove the backup tape and store it.
- Development of a webpage in the company intranet

Features of the webpage:

- Ability to add or remove reports
- Ability to edit report
- Ability to export a report to a pdf
- Ability to order the reports through ID
- Ability to filter reports

Tools used:

- Git
- Ext js
- CodeIgniter
- MySQL
- JavaScript
- HTML
- CSS

Web developer

Saint-Gobain [29/05/2023 – 07/07/2023]

Country: Portugal

Development of a website consisting of:

- A video page where a video about Environment, Health and Safety can be seen.
- A questionnaire with five questions about Environment, Health and Safety.
- The homepage presenting a brief description of the website and a QR code that gives access to a flyer with the safety rules.
- Admin section to access the features.

Features:

- Ability to change all the questions on the questionnaire page and the answers
- Delete a question from the questionnaire page
- Search of the results of a persons questionnaire
- Create a PDF with the results of the questionnaire
- Receive a PDF certificate if the answers on the questionnaire were correct
- Receive an email each time someone finishes a questionnaire and their score
- Ability to change the video on the video page

Tools used:

- HTML
- MySQL
- PHP
- CSS
- JavaScript

EDUCATION AND TRAINING

Computer Systems Management and Programming Technician

Escola Secundária da Maia [17/09/2021 – 17/07/2024]

City: Porto | Country: Portugal | Website: <https://www.aemaia.pt> | Final grade: 20 | Level in EQF: EQF level 4
| Thesis: Escape Room: A babysitter's nightmare

- Installing and configuring computers and computer systems, stand-alone or on a network
- Maintaining computer systems
- Developing and maintaining databases
- Analyzing information systems
- Developing computer applications for different platforms

Agile Software Development Technician

ISEP [01/10/2024 – Current]

City: Ermesinde | Country: Portugal | Website: <https://www.isep.ipp.pt> | Level in EQF: EQF level 5

- Preparation of computer application development projects using agile methodologies;
- Analysis of complex problems and systems and translation into the context of computer application development;
- Designing application and IT system architectures and data management support structures;
- Development, testing and installation of software applications based on services;
- Coordination of computer application development teams in contexts subject to unpredictable changes;
- Planning and managing IT tools to support the development of computer applications.

SKILLS

Technical skills

- Proficient in front-end web development using HTML5, CSS3, JavaScript, and responsive design frameworks.
- Familiarity with version control and task management tools, such as Git and Kanboard
- Experienced in developing efficient and robust software solutions using C++. Proficient in object-oriented programming (OOP).
- Skilled in debugging, optimizing code, and implementing algorithms for high-performance applications.

Soft skills

- Strong problem-solving and analytical skills with the ability to troubleshoot issues effectively.
- Adaptable and eager to learn new technologies, demonstrating a proactive and solution-oriented mindset.
- Committed to fostering a collaborative team environment by providing mentorship, sharing knowledge, and supporting colleagues in overcoming technical challenges.
- Skilled at facilitating productive discussions to ensure collective success and the delivery of high-quality solutions.

Specialized Skills

- Proficient in C++, including object-oriented programming, STL, and algorithm optimization.
- Front-end development using HTML5, CSS3, JavaScript, and frameworks like Ext js.

DIGITAL SKILLS

Microsoft Office / Basic Knowlege of PHP/MySQL / Microsoft Excel / C / C# / C++ / Visual Studio (Visual Basic) / GIT version control, Linux Command / IT Helpdesk Management / Begginer JavaScript for WebDevelopment / Good knowledge of HTML5 & CSS / Help full / Ability to work in a team and autonomously / DATA STRUCTURES

LANGUAGE SKILLS

Mother tongue(s): Portuguese

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HOBBIES AND INTERESTS

3D printing

Aspiring 3D printing enthusiast actively exploring the fundamentals of designing, prototyping, and fabricating custom parts and models.

Gaining experience with 3d modeling software to create 3D designs and experimenting with optimizing print settings for different materials like PLA and PETG.

Technology

Passionate about technology, with growing interest in programming, hardware, and networking.