Alexander Walford: CV

Contact Information:

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Portfolio:
https://alexanderwalford.co.uk/

Who I Am:

Dedicated Software Engineer with a profound passion for programming since a young age. Specialised in developing software applications, websites and internal tools at Infrastar LTD, I am open to seek new and exciting opportunities within the software engineering industry. Ready for diverse challenges and eager to contribute to innovative projects.

Professional Experience:

Software Engineer | Infrastar LTD | SEPT 2023 – DEC 31, 2024

- Pioneered the development of AI demos and products, showcasing cutting-edge technologies and potential applications.

- Created multiple internal tools to optimise company processes and enhance operational efficiency.

- Mentored less experienced team members, fostering professional growth and skill development.

- Collaborated with external organisations to deliver exceptional quality software products in an agile manner.

- Developed a prototype embedded system from the ground up, using the C programming language and 3D printed parts.

- Extensive knowledge of the Linux operating system, for both servers and desktops to develop or maintain software applications.

- Used Docker containerisation for website deployments and Sentry for performance monitoring with Selenium for automated user testing, alongside other techniques and technologies.

Developer & CEO | Renovate Software LTD | [OCT 2019] - [SEPT 2023]

- Founded and led Renovate Software LTD, successfully releasing technologically impressive desktop and mobile applications.

- Demonstrated proficiency in low-level programming languages, contributing to software optimisation and performance.

- Managed the entire development life cycle, ensuring the delivery of user-centric applications.

- Organised and supervised development teams, fostering a collaborative and innovative work environment.

- Mentored less experienced team members, contributing to their professional development.
- Worked with several tools such as Linux operating system, many IDEs and compilers.
- Experience with game development technologies using C# to deliver a long-term product.
- Cloud computing services experience using AWS and independent service providers.
- Developed applications for both Android and IOS mobile operating systems.

Education:

- Bachelor of Science in Computing | [University of Gloucestershire]
- BTEC Extended National Diploma in Cyber Security (level 3)
- GCSE English and Maths

Skills:

- Proficient in C# and C, with a keen interest in low-level programming languages.
- Specialised in developing AI demos and internal web interface tools.
- Skilled in desktop and mobile application development, emphasising user experience and efficiency.
- Familiar with Python, PHP, Django, HTML, CSS, JavaScript, and Java.
- Exceptional problem-solving and analytical skills.
- Programming since the age of 15, showcasing a lifelong dedication to the craft.
- Strong mentorship skills, guiding less experienced team members towards professional growth.

Website Portfolio:

https://alexanderwalford.co.uk/

Availability:

Open to new employment opportunities while currently unemployed. Willing to work remotely with the option for on-site collaboration as needed. Open to relocation if paid to do so.

I don't do this for the money, I do it because I'm passionate and have a dream.