



Senior Electronic Software Engineer

The Company:

ProPhotonix, a Cork based manufacturing Company is seeking an Electronic Software Engineer. ProPhotonix designs, manufactures and exports its products internationally to machine vision customers in industrial and medical markets. The products are designed to meet customer specific requirements and are manufactured in low to medium volume. Due to ongoing expansion of business applications, the position for an Electronic Software Engineer has arisen:

The Job:

Reporting to the Engineering Manager, the Electronic Software Engineer will be responsible for creating innovative software solutions which lead to the development and introduction of new technologies and products that support ongoing business objectives. The Electronic Software Engineer will be a member of the engineering team and should be able to demonstrate design, development and implementation proficiency.

Duties and placement responsibilities:

1. Design, develop, code, test and debug software solutions for a variety of custom platforms as appropriate to the project
2. Embedded firmware with C and Windows GUI development and maintenance with C#
3. Creation of technical specifications and software user manuals
4. Participation in internal design reviews
5. Technical report writing

Personal Skills:

The candidate should be well organized with the ability to work in a cross functional team. He/she should have effective communication, interpersonal and teamwork skills. A technical interest and willingness to learn about the company's technology is essential.

Qualifications:

Minimum Requirements/Qualifications:

Essential

- a. Circa 10 years' experience in software development with embedded C.



- b. Understanding of microcomputer architecture, digital/analogue circuits, and basic electronic design.
- c. Working knowledge of microcontroller interfaces including GUI development, graphic LCD, button, LEDs, sensor's, etc.

Desirable

- a. Experience with PIC and ARM processors and tools Visual Studio and MPLAB, (desirable but not essential).
- b. Knowledge of software development compliance standards and version control systems, (desirable but not essential).

An attractive remuneration package will be offered commensurate with experience. ProPhotonix (Irl) Ltd is an equal opportunities employer.

Applications To:

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