

### Embedded Engineer

Founded in 1987, Metrol are global leaders in the innovation, development and operation of wireless down-hole systems.

Our main office is located in the Kirkhill Industrial Estate in Dyce, but operations are global, and we have offices in Dubai, the United States and other worldwide locations.

We deliver excellence in innovation and performance by caring about our relationships – both with our team and our clients.

With a family business culture, we aim to create and provide a working environment that promotes from within, encourages training and development and allows and trusts individuals to maintain a work-life balance.

### **Benefits:**

The role comes with a competitive salary and benefits package including:

- Culture that promotes teamwork and empowering individuals to make a difference
- Challenging role with on-the job training. Working as part of an expert team
- Further education opportunities
- Additional holidays for long service
- Hybrid/Flexible working opportunities
- Company Pension contributions
- Private Healthcare and Life Insurance
- Cycle to work scheme

### **The Role:**

To support our expanding R&D team, we are looking to recruit an Embedded Engineer. Depending on experience and aptitude, this role could evolve to carry significant responsibility. The successful candidate will be responsible for designing, developing and testing firmware for downhole and surface tools. They will be responsible for the full development cycle.

Metrol develops all its firmware in-house. Key factors in this design and development are:

- Low Power
- Safe failure modes
- Building on existing tool suite
- Innovative design

### **Required Skills & Experience:**

An Embedded Engineer will require the following knowledge and/or experience:

- All levels of industry experience will be considered, from junior to senior level. At Metrol, we recruit the right person, rather than requiring a prescribed amount of experience. Qualified to degree level (in engineering, physics, computer science, mathematics or similar) is preferred.
- Experience with writing embedded C code on 8/16 bit microcontrollers.
- Have completed complex coding projects in the past and can show examples of this.
- A good understanding of the unique requirements and pitfalls experienced when designing code for microcontrollers.
- Reasonable understanding of digital electronics and to a lesser degree, analogue electronics.
- Familiarity with software design concepts and practices.

- Lateral thinking, and the ability to find unusual solutions to design challenges.
- Custom algorithm design, good at mathematics.
- Teamwork and communication skills.
- Proactive, and ability to take ownership of projects from inception to completion.

### Location:

We operate flexible and hybrid working policies, therefore we are welcoming applications from individuals based in the Glasgow/Edinburgh area. Occasional travel to our Head Office in Aberdeen may be required.

Apply by email with your full CV to [Vacancies-Technical@metrol.co.uk](mailto:Vacancies-Technical@metrol.co.uk)