

Reporting directly to the Product Manager Electronics, the role will be office or home based depending on location however, there may be times when a visit to the European facilities is necessary for training and development. Customer visits in the UK and Ireland will also be necessary as required.

Principal Objectives:

- Design, build and maintain efficient, reusable and reliable code in C and CODESYS
- Develop on a bespoke platform (MATCH) where necessary
- Implement optimized and high-quality module
- Identify process bottlenecks and bugs
- Suggest and implement solutions to problems
- Creation of High Level designs
- Implementation by modular programming in C
- Support our team in maintaining the code quality
- Analysis, design and implementation
- Testing

Profile:

The nature of the role means we are looking for someone who has excellent communication and people skills and is comfortable working alone or within a small team. The ideal candidate should possess the following attributes:

- 5+ years' experience of C development desirable
- Good understanding of data structures and algorithms
- Multithreading experience including race conditions, deadlocks and debugging
- Bachelor's in computer science, mathematics or related field
- Master degree preferred
- Excellent problem solving skills
- Confident to work independently
- Knowledge of CAN networks desirable
- Knowledge of Functional Safety desirable
- Knowledge of Hydraulic equipment desirable
- Full driving licence

Management may, from time to time, require you to carry out tasks in addition to your normal duties, provided these tasks are both reasonable and within your capabilities