



Job Title: Junior Engineer
Team : Engineering
Location: West Midlands, UK, Office Based
Salary: Competitive Base Salary
Benefits: 25 days holiday, Pension, Bupa Health Care and Health Insurance

ROLE PROFILE AND PURPOSE:

An opportunity for a Hardware/Firmware Engineer. This is a great opportunity for a junior Engineer willing to learn, or a skilled Embedded Software Engineer to join an existing R&D team, developing embedded software for Telematics systems.

This would be an ideal position for an engineer wanting enter the field of vehicle electronics / automotive diagnostics.

Role Profile:

- Candidate would be an integral part of a team working on embedded automotive diagnostics / telematics and related applications.
- Birmingham based (SE area)
- Design and implementation of software for embedded devices and systems from product definition to production and commercial deployment
- Design, develop, code, debug and test system software
- Review code and design
- Analyse and enhance code efficiency, stability and scalability of system resources
- Integrate and validate new and existing product designs
- Provide post production support to the factory, sales and customers as required
- Assist with hardware design and development

Key Skills:

- BSc in Computer Science, Electronic Engineering or similar
- 2+ years' experience in developing embedded software
- Electronics experience, software biased, but with an understanding of hardware would be an advantage
- Solid programming experience in C and C++
- Investigative, problem solving mind-set
- Proven experience in embedded system design with pre-emptive, multitasking real time operating systems
- Experience in hands on development and debugging including use of test equipment such as millimetres, oscilloscopes etc
- Ability to read schematics and understand component data sheets and app notes
- Understanding of "C" in an embedded environment, ideally for ARM processors
- Ideally experience of, or understanding of, protocols – preferably automotive vehicle diagnostics, but other protocol experience, such as telecoms would be good
- Will need to travel occasionally, including working on-site and visiting vehicles.