Job Reference: Fen Senior Embedded SW Developer

Job Summary

Senior Embedded Software Developer with at least 8 years' experience of real-time embedded operating systems.

Basic Core Skills

The role at Fen involves all stages of the design process from initial feasibility to supporting new product introduction. You need to be competent at time management and whilst the projects are team focused you should be able to work autonomously with little direct supervision. You should be able to clearly demonstrate skills in **all** of the following:

- An expert knowledge of the software development lifecycle
- Experience in the translation of requirements into a coherent design
- C/C++ software design and development in an embedded environment
- Worked with Real-time Operating Systems (e.g. free RTOS)
- Development and debugging with prototype hardware and evaluation kits
- Good appreciation of hardware (e.g. MCUs, Memory, Sensors, Modems etc)
- Agile/Scrum development methodologies
- Use of bug tracking systems
- Working in a commercial environment, where time is money

Technical experience

You should be able to show past track record in at least **four** of the following technical areas:

- Device drivers (I2C, SPI, USB)
- Hardware control (GPIO, UARTs, DMA)
- Embedded Linux at BSP level
- Embedded TCP/IP networking
- Wireless technologies (e.g. Bluetooth LE, WiFi etc)
- Communications protocol design
- Scripting Languages
- Using REST APIs
- System Security/encryption techniques

As our projects vary, knowledge or interest in **three** or more of the following areas is ideal:

- Embedded control and monitoring solutions
- Wearable electronics
- Connected 'Internet of Things' products
- Location based systems

As we often have to use the tools & methodologies that our clients prescribe, we're keen to support you to adapt your working methods and quickly get to grips with new concepts. We also expect you to be meticulous in the way you write and document your code.

The rewards available are:

- Competitive remuneration package commensurate with your skill and experience level
- Interaction with a team of highly experienced engineers keen to share knowledge and work together to develop Fen's skill base

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Registered no 794 4921 (England & Wales)
Registered Office 4 Oakington Business Park, Dry Drayton Road,
Oakington, Cambs CB24 3DQ, UK
VAT no GB 123 4073 52

- Friendly dynamic working environment with a supportive team approach
- A chance to develop your skills and experience-profile in a wide range of exciting technologies and markets
- Attractive workplace in a pleasant rural village location on the edge of Cambridge without the usual traffic issues to contend with

No Agencies please.

To apply, please send a cover letter and CV to: jobs@fentechnology.co.uk

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