



Job Description

Position: Software Engineer
Department: Development
Responsible to: Development Manager

Overall Purpose and Scope

TSL Professional Products Ltd is a Marlow based company that designs, manufactures, markets and sells sophisticated electronic equipment to broadcast end-customers worldwide. With leading market positions in the fields of Audio Monitoring, Control and Automation and Intelligent Power Management.

We are looking for a self-motivated, enthusiastic modern C++ developer to join our team of passionate developers at our facility in Marlow, Buckinghamshire in the development of leading edge control and monitoring software.

The responsibilities of this role will be to:

- Gain a full understanding of the existing systems,
- Utilise modern C++ to maintain and advance existing systems,
- Provide input into the development and architectural design decisions,
- Interact with the support team in order to fault-find and support customers,
- Generate user and software documentation,

Key Skills:

- 2-3 years' experience in modern C++ including the STL,
- A degree in Computer Science or a similar discipline,
- A passion to learn and experiment with new skills,
- Experience using a version control system (preferably GIT),
- Excellent written and verbal communications skills,

Advantageous Experience:

- Experience in the broadcast technology sector,
- Windows Embedded,
- Redundant systems,
- Unit testing and knowledge of testing methodologies in general,
- Visual Studio and/or GCC,
- Developing for both Linux and Windows operating systems,
- LaTeX,
- C++ U.I. development (Chromium-Embedded, Juce, MFC, etc),
- Concurrency, networking and distributed systems,
- Web development,
- Communications protocols (e.g. Modbus, SNMP, etc),
- Databases including SQL and MongoDB,
- Real-time systems,
- Other programming languages (e.g. Java, C#, etc),
- Embedded systems development in C/C++