

## **Job Description: Software Developer, Protea Ltd.**

Protea Ltd. is leader in gas analysis using spectroscopic techniques in industrial and research applications. Our technologies include Mid-IR FTIR, laser and mass spectrometry. We are currently seeking to recruit a Software Developer to join our team based in Cheshire. This role will bring in-house our software development which has been out-sourced previously.

Reporting directly to the senior management level and owners of the business, the primary function of the role is the coding and testing of our Windows software products for controlling scientific instrumentation. The role will also require the successful applicant to be responsible for the management and quality control of all software.

Working in an efficient and timely manner, in line with the business objectives of the Company, this role will play an important part in the development our analytical systems to the UK and overseas. We expect the successful candidate to introduce a high level of software capability to the Company. With further experience, and in line with the Company's growth strategy, the successful applicant could see greater emphasis focussing on the management of the software.

### **Key Accountabilities and Responsibilities**

Perform all phases of development including design, coding, testing, integration, maintenance and release for the Company's software products

To provide support to both in-house Applications Specialists and end user Customers to software related problems

To develop new software products for new analyser platforms

To implement and manage the testing of the software products in line with our ISO 9001 Quality System

To suggest and implement good coding practices and methodologies, with respect to increasing efficiency and reducing costs.

Assist in product development and problem solving with the development team.

Adherence to the Company's Health and Safety policy and Quality System

### **Qualifications**

The ideal candidate will be degree level in Computer Science, Mathematics, Software Engineering or the Physical Sciences, with a strong background in coding, ideally for instrumental systems.

Minimum 5 years' experience as a Software Engineer or Developer

Highly proficient in C, C++, C#, .NET in Microsoft Windows environment

A background in spectroscopic systems would be a huge advantage, especially in testing software applications in an analytical application

Must have excellent communication skills and have experience interacting with customers, be well organized, and have the ability to resolve issues in a professional manner.

Ability to write technical reports, prepare development schedule estimates and make presentations to customers and management required.

**Application**

Please apply with CV and covering letter to [mail@protea.ltd.uk](mailto:mail@protea.ltd.uk)