

**Scion Instruments (UK) Limited**  
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## JOB DESCRIPTION

**Job Title:** **Software Application Developer**

**Department:** SCION R&D Centre

**Location:** Livingston, Scotland

**Reporting:** Head of Software and Firmware

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## SUMMARY

### THE COMPANY

SCION Instruments is part of Techcomp Europe Ltd, and has headquarters in Livingston, Scotland and Goes, Netherlands.

Techcomp comprises of a group of European companies engaged in the design, development, manufacture and distribution of analytical systems, life science equipment and laboratory instruments with operations dating back to 1920. SCION Instruments focuses on the manufacture and GC, GC-MS, GC gas analysers, autosamplers, headspace and LC products servicing a range of markets.

Techcomp has the infrastructure to support global sales and service.

SCION instruments is currently building up its R&D capability for designing and developing the next generation of breakthrough products for an expanding range of applications relating to human life and the environment. Our current target markets focus to chemicals, forensics, food quality, environmental, oil and gas, pharma.

### THE ROLE

Reporting to the Head of Software and Firmware, the Software Application Developer will be part of the software development team creating and maintaining scalable, high-performance software applications that meet the needs of the business, powering it's Gas Chromatography and Mass Spectroscopy analytical instrumentation.

This role requires hands-on design, coding, debugging and testing skills with a good understanding of various software development methodologies and tools.

## RESPONSIBILITIES

- Collaborate with project stakeholders to gather and analyze software requirements.
- Design and develop high-quality, scalable applications using C#, .NET framework and related technologies that meets given requirements.
- Maintain and enhance existing applications, identifying and resolving any software defects and performance issues.
- Write clean, maintainable, and efficient code in alignment with best practice and coding standards.
- Perform code reviews to ensure quality and adherence to standards.
- Ensure software applications are thoroughly tested and perform as expected across different environments.
- Project Management collaboration using Agile Methodologies.
- Contribute to the continuous improvement of software development methodologies and best practices.
- Stay updated on the latest industry trends, programming languages and tools, ensuring the team is equipped with the most effective technology.

## REQUIREMENTS

- BSc or MSc in computer science or equivalent formal education (candidate without formal qualifications, or with relevant science/engineering degrees who can demonstrate relevant experience will also be considered).
- Proven experience of commercial or industrial software application product development to high quality standards, from gathering requirements and writing specifications to testing and debugging.
- Proven application development experience with C#, .NET frameworks and related technologies (i.e. WinForms, WPF), with C, C++, MFC, Delphi and/or Visual Basic experience desirable.
- Familiarity with database technologies such as SQL Server or Oracle.
- Proficient understanding of software development principles and best practices.
- Familiarity with Agile development methodologies.
- Experience of using Source Code Management tools (GIT preferable), planning and bug tracking tools (Azure Boards preferable) and Integrated Development Environments (Visual Studio preferable).
- Excellent problem-solving skills and attention to detail.
- Ability to work independently as well as in a collaborative team environment.
- Good communication and interpersonal skills.

## SUMMARY OF EMPLOYMENT CONDITIONS

Hours of work 37.5 hours per week.

After an initial qualifying period, and subject to the company's terms and conditions of employment, the company offers paid sickness, death in service, private medical insurance, flexible working week, pension scheme, paid holidays and relevant statutory days as taken by the company and a performance related bonus scheme.