



Job Description

C++ Software Developer



This document provides the job description for a C++ Software Developer role within QA Systems

C++ Software Developer**Reporting to:** Technical Director**Location:** Bath or Bath/remote hybrid**Job Type:** Permanent**Benefits:**

- 25 days annual leave (plus bank holidays)
- Company pension
- Private medical insurance including dental & optical (employee and dependents)
- Employee Assistance Program (access to free mental health support)
- Flexible working
- Overseas social events

QA Systems are a market-leading provider of testing tools for software developers. We are seeking an experienced C++ software developer to join our development team for the Cantata product.

What's it like to work there?

Their newly refurbished informal office provides a relaxed environment and includes a pool table, shower facilities, and kitchen balcony with stunning views of the city. Working hours are flexible (including partial remote working) and dress code is casual. They aim for job satisfaction and provide internal training and mentoring, together with the opportunity for external training and taking on specialist roles and responsibilities.

What you'll do

The software developer role consists of a large range of activities focussed mainly on the improvement of the Cantata product and it's parsing and code instrumentation technology, including but not limited to:

- Development of new features and changes using mainly C and C++
- Ongoing product maintenance
- Design of new features and changes
- Specification of new features and changes
- Improvement and maintenance of internally used software
- Potential direct customer interactions
- Potential short visits to customer sites all over the world
- Web based demonstrations and troubleshooting sessions

Required Skills

- Strong aptitude for problem solving and debugging
- Excellent C++ knowledge including templates
- Strong understanding of C/C++ syntax and semantics
- Knowledge of internal compiler/parser logic
- Good communication, both verbally and written

Desired Skills

- Knowledge of C++ with particular focus on 14 & 17
- Use of Eclipse as an IDE
- Familiarity with the internals of a specific C parser technology