

Junior Controls and Software Developer – Role Profile

Title	Junior Controls and Software Developer
Reporting to	Senior Controls & Software Developer
Purpose of the Role	
The Junior Controls and Software Engineer will be involved in the full project lifecycle and play an important role in developing software and control system integration in conjunction with supporting the build of machinery.	
Key Responsibilities	
<ul style="list-style-type: none"> • Provide effective assistance to the controls and software department • Writing applications that interface to Control systems • Interpreting customer requirement to functional specification • Documenting applications • Writing training material for applications • Performance tuning applications and databases • Write and execute test procedures from functional/software specification • Identify opportunities for improvement during development • Use Microsoft Azure DevOps for project/task management • Factory testing, site testing and site based commissioning. • Monitor/plan projects to ensure completed to time and budget • Ensure high levels of customer satisfaction • Undertake additional responsibilities and tasks as required by the controls and software team 	
Key Skills	
<ul style="list-style-type: none"> • Experience of SQL Database Design, Knowledge of NoSQL databases • A minimum of 2 years of experience programming in c#. • .Net Frameworks including Core • Knowledge of other coding-languages (JavaScript, C++, Python). • Ability to write clean, easy to understand code. • Outstanding analytical and problem-solving capabilities. • Ability to work independently and complete projects with minimal supervision. • Sound understanding of coding and development processes. • Exceptional attention to detail and be able to work to tight deadlines • Motivated individual with a strong sense of pride taken in their work • Analytical and problem solver • Interested in technology and up to date with new and emerging techniques and tools • Understands the need to go the extra mile and put extra time in where required • Ability to work on multiple projects simultaneously • Team-player <p>Optional</p> <ul style="list-style-type: none"> • Entity Framework, MVC and Web API, Azure Integration 	
Qualifications	
<ul style="list-style-type: none"> • Academic/Industry qualification(s) in computer programming, computer science, or information technology. 	