**Detailed Job Description for Graduate Control Systems Engineer.**

You will become part of a growing dynamic team of enthusiastic and experienced electrical control system development engineers that operate both collaboratively and independently on a wide variety of platforms and industrial automation sector projects.

Our clients’ projects range from Food manufacture, automotive sector, material handling, process plant automation, offshore handling equipment and special purpose machines. We can be involved in these projects from a single aspect to full turnkey.

Projects are in the main based in the UK, but we do work for clients all over the world and the successful candidate will be expected to be office based but as part of the role to work away from home in the UK and from time to time across the globe as the project requirements depict.

Our team are all expected to Design, Develop, Install, Diagnose, Commission, Document, Train the client and Project manage their own projects or take a variety of those roles on a collaborated project.

You should have excellent communication skills and be fully conversant with all leading MS office-based applications for the development and handling of contract paperwork, scheduling, and management of project information. Training will be given in the contract control and you would be supervised by lead engineers.

Experience from industrial placements or former employment with any of the below items is an advantage.

We use WSCAD Suite X and E-plan in house for Electrical Design, but experience in any platform such as AutoCAD Electrical, Solid works Electrical would all be advantageous to the right candidate.

Software development for the control systems would be carried out in any of the leading system architectures and experience of one or more of these will be preferable. For any platform we would expect you to have or gain knowledge or experience in controller software including safety, motion control (inverter / servo integration), and visualization whether that be a simple HMI to a full-blown redundant SCADA or DCS system.

* Siemens Step 7 – Classic and WinCC
* Siemens TIA Automation Portal – V19
* Siemens TIA Unified & WinCC
* Siemens Sicar
* Rockwell Automation Studio 5000 Suite.
* Omron Sysmac Studio.
* Mitsubishi IQ Works and GX Works Iconsys
* Weidmuller Automation Platform

Experience and programming knowledge in higher level languages are beneficial for the following items therefore experience is advantageous.

* Edge applications
* Java Script
* Node Red
* HTML
* IOT/I4 development.
* Robot automation
* Data Collection and Client manufacturing process/ procurement system interfaces.

We have an in-house control system manufacturing facility that works in conjunction with our engineering team to develop and create seemly integration for our clients’ control system needs.

When this is coupled with our full installation team, we have the capability of handling large-scale projects that require all disciplines to fulfill the needs of the client.

Our business is very focused on the continued support to our clients that has been the backbone of our success, working and understanding the clients from an early stage and helping them grow in larger successful companies is what we do best. Long relationships with clients are where we are at and expect to stay. At the same time, we are looking to give this service to as many new clients as we can to further expand the business and create an even stronger company for the years to come.

Pre-Requisite

The successful candidate should preferably have: -

* Good GCSE and A-Level qualifications, English Language & Mathematics preferred.
* A Degree in Computer Sciences or similar
* Full Clean Driving License.

The above is not an exhaustive list and in addition to the above duties, you may be required to perform other duties as the needs of our business change. We reserve the right to amend the above duties as deemed necessary for the needs of the business.

The duties described in this job description must be carried out in a manner which promotes equality of opportunity; dignity and due respect for all employees and clients or customers is consistent with the Company’s Equal Opportunities Policy.