

Project Engineers/Mechanical Design Engineers

We are looking for a number of project engineers/mechanical design engineers to join our high-performance engineering team. We want creative problem solvers, who work well in a team with people at all levels and want to be involved in the full project life cycle.

KWSP is an engineering solution provider working across a wide range of sectors including high performance sport and automotive. We deliver diverse projects from R&D development printers for digital fabrication, to wind tunnels for performance sports and reverse engineering for historic motorsport, whilst retaining our core customers and capabilities from motorsport.

Our projects are unique and one-off. We use a range of processes and technologies, such as composites, additive manufacturing and automation to provide solutions to our customers.

From the start, you will have the opportunity to have an impact on the solution we offer our clients – we value all opinions whatever your level of experience.

Our business is growing and anyone joining us will be part of this development.

This role would be suited to someone with 3+ years' experience. Applicants will preferably have a degree in mechanical engineering or a related discipline. We will however consider applicants with a HND in mechanical engineering or a related discipline.

Specifically, the role will require the following;

Project co-ordination / management – Must have:

- Confidence to make project decisions based on informed judgement and the needs of the project.
- A good communicator, able to lead a project, manage the day to running of the project and communicate goals and objectives effectively within the team
- Ability to manage customer relationships effectively
- Ability to realize project objectives to time and budget

Design - Must have:

- Use of CAD (presently we use Solidworks)
- Developing concept schemes (such as machines or complex sub-assemblies)

- Preparing detailed design models and drawing
- Creating and managing Bills of Materials
- Working within design specifications to meet budget requirements (time and costs).
- Working with suppliers to enhance component design
- Preparing detailed design models and drawings

Prototype Development – Desirable

Whilst assembly is not part of the day to day role, as a small business, we will expect you to get involved in the following from time to time;

- Complete simple assembly work independently
- Aiding in the assembly process for larger projects
- Work with project engineers and other members of the team (if relevant) to commission the project
- Help develop a system to meet customer specification

Acceptance Tests and Installation - Desirable

Whilst it is not expected that site work will be a significant part of the role, in certain circumstances tasks (such as smaller projects) could include

- Managing and performing site installation and testing work
- Undertaking any required continuous improvement work
- Fault finding and resolution

Person Specification: Core competencies and experience.

All applicants are required to have;

- Knowledge of general engineering principles (Must)
- Proven and skilled use of CAD (preferably Solidworks – Surfacing (Aspirational) and Solid Modelling (Must)
- Relevant industry experience (Must)
- Evidence of client-facing experience (Must)
- Exceptional written and verbal communication skills (Must be good – Exceptional is aspirational)
- Ability to prepare specifications and deliver these within budget (Must)
- Confident use of MS-Office applications (Must)
- Experience and appreciate of drawing office procedures (Must)
- Experience (aspirational) or awareness (strong like) and appreciation of FEA, CFD and simulation techniques

- Practical hands-on assembly experience (like)
- Ideally have or be working towards Chartered status or would like to do so (like)

The role may require you to work out of main office hours or to travel around the UK or abroad and spend periods of time with our customers off site.

Whilst every effort has been made to explain the main duties and responsibilities of the post, each individual task undertaken may not be identified.

To apply for this role please send a CV and covering letter to recruitment@kwspecialprojects.com. In your covering letter please **provide examples to demonstrate you have the competencies, skills and experiences referred to in the Person Specification section**. If you have any questions about this role please call Sophie Kilmister on 01280 704768.

Deadline 11th December 2017

KWSP is an equal opportunities employer