



Design Engineer (SolidWorks)

Development Engineering & Enterprise Ltd

Development Engineering & Enterprise Ltd (DEE-Ltd) is an established engineering company providing innovative engineering solutions and products to a broad spectrum of customers and market sectors.

Due to the growth and ambition of the company, we are looking to expand our team and are actively seeking dedicated individuals to support a variety of customer focused development projects. You will be joining a group of dynamic individuals working on a diverse range of products and services in the engineering sector.

Role Type

Full Time – Permanent

40 Hours working week

Work Location: In person, Leamington Spa

About you:

- Are you ambitious, driven, with a will to succeed?
- Do you have high energy and the ability to work within a fast-paced team?
- Are you logical, organised, and creative?
- Are you passionate about engineering and gain joy from seeing your designs take shape?
- Can you develop relationships with suppliers, customers, and team members to overcome challenges and ensure successful project delivery?
- Are you ready to roll up your sleeves and make a difference.?

About the role:

As a Design Engineer at DEE-Ltd you will be a central member of the team coordinating the delivery of customer projects from enquiry to delivery.

- Representing the company in front of prospective clients
- Respond to initial customer enquiries and generate quotes.
- CAD design of automotive systems and components from concept through to volume production
- Working with internal departments and suppliers to provide engineering design and problem-solving activities to support internal and customer projects
- Creation and management of supporting engineering documentation including FMEAs and DVPs.
- Engineering change control management
- Generation and presentation of project status reports
- Produce hand calculations and spreadsheets to support product development

Essentials

- Excellent SolidWorks CAD capability, including 3D part modelling, assemblies, and production-quality 2D drawings.
- Established knowledge and practical experience of designing and taking parts through to production using at least one of the following manufacturing processes: machining, sheet metal, fabricated/welded structures, or casting.
- Ability to apply design-for-manufacture and design-for-assembly (DFM/DFA) principles, including sensible material and process selection.
- Ability to produce and interpret manufacturing drawings using recognised engineering drawing practice, including tolerances, fits and GD&T; knowledge of BS 8888 or equivalent is expected.
- HND/HNC, engineering degree, apprenticeship, or equivalent relevant design/manufacturing experience.
- Strong practical engineering judgement and structured problem-solving skills.
- Confident communicator who can work effectively with customers, suppliers, and colleagues.
- Strong numeracy and the ability to carry out appropriate engineering calculations.
- High level of attention to detail, drawing accuracy and configuration/revision control.
- Team player with the ability to work constructively with people at all levels.
- Excellent working knowledge of Microsoft Office, particularly Excel and PowerPoint, or equivalent reporting tools.
- Able to take ownership of assigned work and deliver independently or as part of an integrated team.
- Current UK right to work.

Desirables

- Automotive engineering experience, particularly component or system design for low-volume, prototype, or production applications.
- Experience across two or more of the listed manufacturing process families (machining, sheet metal, fabricated/welded structures, and casting).
- SolidWorks professional certification (CSWP or CSWE) or equivalent evidence of advanced CAD capability.
- Experience with PDM/PLM systems, structured drawing release, and engineering change control.
- Experience of FEA/simulation, tolerance analysis, design validation, or prototype testing.
- Experience creating or contributing to FMEAs, DVPs and other product-development documentation.
- Experience supporting supplier selection, manufacturing quotations, or cost-down/value-engineering activities.
- Full driving license

If you want to be part of a genuinely friendly and professional team, with a passion to deliver excellent customer service then we would welcome the chance to discuss this opportunity with you.

Remuneration

The successful candidate will receive a competitive salary, opportunities for professional development and a range of benefits including:

- Salary £38,000 to £42,000 dependent on experience
- 24 days annual paid leave (increasing with service)
- Yearly £300 training bursary towards your personal and professional development
- Workplace Pension
- Discounted Vehicle Servicing through affiliated partner
- Unlimited opportunity to grow and develop within a company that actively seeks to challenge you to grow and become the very best version of yourself.

Applications

To help us understand your engineering experience beyond your CV, please include brief responses to the following questions with your application. We are not looking for lengthy answers; concise examples based on your own experience are preferred.

- 1- **Personal Biography** – Tell us a little about yourself beyond your CV. What are you passionate about, both professionally and personally? We'd be interested to hear about your interests, hobbies, personal projects or achievements, particularly anything that demonstrates your enthusiasm for engineering, making, designing, building or problem-solving. *(250 Words Max)*
- 2- **Design-to-manufacture example** - Briefly describe a component or assembly that you have personally designed and taken through to manufacture. State the manufacturing process used, your involvement in the design, and any changes you made to improve manufacturability, cost, quality or assembly. *(250 Words Max)*
- 3- **Engineering problem-solving example** - Describe a technical problem you have encountered during manufacture, assembly, testing or use of a component you designed. How did you identify the root cause, what action did you take, and what was the outcome? *(250 Words Max)*

Please send your CV and supporting information to careers@dee-ltd.co.uk with reference DESWP26081.

Use of AI: We recognise that candidates may use AI and other digital tools as part of their normal working practices. You may use these tools to support your application; however, your answers must accurately reflect your own experience, knowledge and judgement. Candidates should be prepared to discuss and expand upon their responses during interview.