

We are hiring!

Industrial Designer

£25–30K

East Bridgford, Nottinghamshire.

1-3 years' industry experience required.

Full-time.

On-site only.

No recruitment agency applications.

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About the Role.

FSW Design are seeking an Industrial Designer with a technical mindset, an eye for detail and a flair for creativity.

It is essential for the candidate to have an excellent understanding of product aesthetics and a good working understanding of design for manufacture. The candidate should be able to demonstrate a range of developed design competencies and should possess excellent problem solving skills.

The ideal candidate will present themselves in a professional manner and will approach their work in a logical, organised and pragmatic fashion.

Company & Culture.

FSW Design is an award-winning industrial design consultancy based in the picturesque village of East Bridgford, Nottinghamshire. The company was founded in 1995 by designers Philip Forrest Smith and Miles Wills.

At the heart of our design ethos is the belief that aesthetic creativity and technical mastery must be combined in order to create products which are visually elegant, yet fundamentally manufacturable. We apply this philosophy throughout our design process, ensuring that our proposals are feasible and realistic, even from the earliest stages of project conception. We aim to instil an in-depth understanding of manufacturing technologies, design engineering and product aesthetics in our design team, to ensure our work meets the highest standards. Our history of award-winning design practice stands testament to the class-leading products we have originated throughout our 28 years in business.

At FSW Design, we pride ourselves on nurturing a laid-back and enjoyable working environment, wherein creativity can thrive. Our focus is on practicing exemplary product design, while maintaining a sensible work-life balance. We undertake exciting projects across a wide range of industry sectors, working for international organisations, pioneering entrepreneurs and everything in-between.

Qualifications & Experience.

1. A bachelor's degree in industrial / product design or a related engineering field is essential, with a final degree classification of 2:1 or higher.
2. 1-3 years' industry experience in an industrial / product design role, related design role or related engineering role is required. This does not include industrial placements.

Responsibilities.

1. Produce creative and technically competent design work to a professional level.
2. Deliver project work to meet client deadlines and internal deadlines.
3. Produce robust, logically structured 3D CAD models.
4. Demonstrate effective project management, time management and personal organisation.
5. Maintain up to date time sheets and project records.
6. Take on board guidance and constructive criticism.

Design Skills.

1. The candidate will be required to use their problem-solving skills to tackle complex design problems and develop feasible, creative and innovative product solutions.
2. The candidate will be expected to participate in a variety of design activities, spanning from early conceptual work, to detailed design for manufacture. Examples include:
 - **Research activities.** The candidate should be able to plan and conduct user research activities and implement findings into design outcomes.
 - **Digital and hand sketching.** The candidate must possess excellent design sketching skills.
 - **Physical prototyping and testing.** The candidate should be comfortable creating basic prototypes and test rigs to aid in design development. Knowledge of 3D printing, CNC machining and general construction methods is beneficial.
 - **CAD modelling.** The candidate must have a comprehensive understanding of solid modelling techniques, assembly modelling and 2D engineering drawing in SolidWorks. A good working understanding of surface modelling is desirable.

Design Skills.

- **CAD Rendering.** The candidate must be able to produce high quality rendered images using Luxion KeyShot.
 - **Presentation Skills.** The candidate must be able to produce detailed and visually impactful presentation packs to communicate design work to clients.
 - **2D engineering drawings.** The candidate must be able to produce detailed engineering drawings, which are carefully laid out, dimensioned, toleranced and annotated.
3. A sound understanding of materials and manufacturing methods is essential.
 4. A strong working understanding of design for manufacture is essential. This is particularly important in respect to design for injection moulding.
 5. The candidate should possess an eye for product aesthetics and graphic design.
 6. The candidate should be able to interpret and adhere to brand styling guidelines.
 7. The candidate is expected to keep up to date with emerging trends in design and technology.

Technical Skills.

1. The candidate should be highly proficient with **Dassault Systèmes SolidWorks**.
2. Experience with alternative CAD packages such as **PTC Creo, AutoCAD Fusion 360, Blender** or **Rhinoceros 3D** is beneficial, but not essential.
3. The candidate should be highly proficient with **Luxion KeyShot**.
4. Proficiency with digital sketch packages such as **Sketchbook Pro** or **ProCreate**.
5. The candidate should be proficient with the following **Adobe Creative Suite** software packages:
 - **Adobe InDesign.**
 - **Adobe Photoshop.**
6. Competency with the following **Adobe Creative Suite** packages is desirable, but not essential:
 - **Adobe Illustrator.**
 - **Adobe Premiere Pro.**
7. Basic competency in **Microsoft Office** applications is required. This includes **Microsoft Word, Excel, PowerPoint, Outlook, Teams**, etc.

Interpersonal Skills.

1. The candidate will be expected to liaise with clients in a professional manner. This includes communication over e-mail, via video calls and in face-to-face client meetings.
2. It is essential for the candidate to be able to work collaboratively and amicably in a team environment.
3. The candidate should be able to take on board design-related comments and criticisms from colleagues and clients, reflect upon these and implement design changes accordingly.
4. The candidate should be comfortable offering guidance and mentoring to junior members of staff; as well as sharing knowledge with all members of the team.

Personal Skills.

1. Excellent written, oral and visual communication skills are required.
2. The candidate should be thorough and pay close attention to details.
3. The candidate should be capable of effectively managing their own time while working on multiple projects.
4. An organised and structured approach to work is essential.
5. The candidate should aim to be mindful of the commercial aspects of the business.

The Position.

- 1. Salary:** £25,000 – £30,000 per annum. Salary is dependent on experience level.
- 2. Annual Leave:** 25 days per year, in addition to Bank Holidays.
- 3. Working Hours:** 37.5 hours per week. Working hours are 9:00am to 5:30pm, Monday to Friday, with a 1 hour lunch break.
- 4. Location:** On-site only.
- 5. Office Address:** FSW Design, 14 Main Street, East Bridgford, Nottinghamshire, NG13 8PA.
- 6. Pension:** A workplace pension scheme is provided.

How to Apply.

1. To apply, please [click here](#), or send your application to philip@fswdesign.com and james@fswdesign.com, stating your interest in the role. Attach your CV, design portfolio and covering letter.
2. Please use *'Industrial Designer Role'* as your subject line.
3. Your CV should be in .PDF file format. The file name should follow this structure: *'Surname_Forename_CV.pdf'*.
4. Your design portfolio should be in .PDF format. The file name should follow this structure: *'Surname_Forename_Portfolio.pdf'*.
5. Your covering letter should be in .PDF format. The file name should follow this structure: *'Surname_Forename_Covering_Letter.pdf'*.
6. We do accept web-based portfolios, however we would prefer a .PDF format portfolio ideally.
7. The size of all e-mail attachments combined should not exceed 20MB.

Deadline: 5:00pm, 2nd February 2024.

How to Stand Out.

1. Include examples of key design skills such as sketching, sketch rendering, CAD modelling, CAD rendering, research activities and physical prototyping.
2. Keep your portfolio concise and to the point.
3. Include large, impactful images of your final design outcomes.
4. Include exploded views of your design work, demonstrating feasible internal details and construction.
5. Demonstrate a good understanding of design for manufacture, materials and technical considerations.