



Product Designer – Electric Vehicle Charging Equipment

Duku are a vibrant, well-established product design consultancy located in Cheltenham, Gloucestershire who specialise in the design and development of EV charging infrastructure. We work on a range of exciting projects that require a multidisciplinary design team to work collaboratively on all aspects of product development including:

- Design specification and sourcing
- Mechanical design engineering
- Electrical and electronic engineering
- Software development
- CAD development, prototyping & design for manufacture
- Product testing & certification

We are offering an excellent opportunity for an experienced Product Designer to join our team to assist in the design and development of innovative electric vehicle charging equipment for public sector, commercial and domestic clients across the UK.

This is an exciting time to join a growing design consultancy with a specialist EV team working on products in a high growth industry and play a direct role in the design and execution of a range of innovative EV charging solutions. In addition, the role provides an excellent opportunity to work on a broad range of other projects including consumer products, mobility, health and fitness and medical devices.

We are seeking a confident and personable individual who has exceptional product design experience, including concept generation, product styling, CAD development, prototyping and design for manufacturing. You will enjoy generating a range of ideas for a given brief, creating high quality product visualisations, designing for prototyping and manufacturing and will demonstrate the ability to think outside the box when approaching design problems.

Responsibilities

- Design and develop high quality aesthetic and mechanical design solutions.
- Developing designs from conception to mass production.
- Liaising with UK and Far East manufacturing suppliers to efficiently execute designs into mass production.
- Design of high quality products for manufacture including cost & assembly analysis.
- Development and testing of proof of concept and presentation prototypes.
- Liaising with clients, suppliers and subcontractors.
- Supporting project scoping and writing project plans.

- Liaising with project lead and design team to ensure efficient deadline and milestone management.

Requirements

- Bachelor degree (minimum 2:1) in Product Design or related field.
- Minimum 5 years of industry experience in a Product Design role.
- Multiple examples of leading high-quality projects into production.
- Excellent working knowledge of mass production processes including injection moulding, CNC machining and sheet metal.
- Hands on experience of building proof of concept prototypes to test and learn from ideas.
- Examples of DFM work and understanding of tolerances and manufacturing methods.
- Proficient in CAD (Solidworks).
- A self-starter who is comfortable driving multiple aspects of the product design process simultaneously and able to research and propose solutions to problems.
- Ability to learn quickly and operate outside of your comfort zone.
- Strong communication, planning, and task management skills.
- Ability to lead and manage multiple design team resources to deliver a successful conclusion.
- Excellent computer and literacy skills including Word and Excel.
- Experience in workshop skills such as basic fabrication and assembly.
- Excellent attention to detail.
- A passion for product design and styling.

Beneficial

- Experience of ruggedized outdoor electro-mechanical products (IP & IK protection).
- Experience in the design of electric vehicle charging equipment or a related area.
- Experience of mechanical and/or electrical engineering.
- Experience in product testing, designing for standards and certification processes.
- Experience in designing to standards.

Benefits

- Salary depending on experience.
- Parking available.
- Workplace pension scheme
- Annual performance reviews and progression opportunities.