



Senior Consultant - Engineering Design, London

PDD is an award-winning design and innovation consultancy creating physical and digital products and experiences that delight users and drive client businesses. Established 40 years ago and with offices in London, Hong Kong and Shanghai, our experienced managers and talented researchers, designers and engineers work on exciting innovation projects in the Healthcare, Consumer and Industrial sectors.

Due to ongoing success, PDD has an opportunity for a Senior Consultant to join our permanent staff.

The Role

Leveraging your creativity, expertise and enthusiasm for design and engineering, you will collaborate with our team to develop technically challenging and innovative products from early ideas to production.

You will have a mind for engineering science and mechanics, an appreciation of product design, confidence in your CAD skills and a good understanding of manufacture and materials. Working in industry or consultancy, you will already be familiar managing projects, and after training and with support from senior staff, you will manage PDD projects, taking responsibility for commercial success alongside the quality of technical design.

Key scope and responsibility will include:

- Create inventive, appropriate and practical technical concepts and assess feasibility
- Research, source and specify applicable technologies, suppliers, materials and processes
- Develop concepts into reliable and robust solutions; including 3D CAD modelling, math models and FEA/CFD, risk analysis and managing prototypes for testing
- Detail and specify design for manufacture; including engineering drawings, tolerances and specifications
- Create and control documents including presentations, reports and schedules
- Communicate and present work to clients
- Operate within the PDD quality system and wider regulatory framework
- Interpret briefs, prepare proposals, plans and requirements specifications
- Manage project time and cost, lead and co-ordinate the team and liaise with clients and subcontractors

Our Needs

We're looking for a talented and dynamic Engineer with the technical, communication and management qualities to ensure innovative solutions, successful projects and ongoing client relations.

Minimum requirements include:

- 1st or 2:1 Master's Degree in Mechanical or Aerospace Engineering or equivalent
- Proficient in 3D CAD modelling (Solidworks or CREO)
- Familiar with materials and processes including moulding, casting, machining and fabrication
- Ability with Engineering Analysis (FEA/CFD) and tolerance calculations
- Excellent written and verbal presentation skills
- Some experience of managing projects and the work of others.

Ideally you also have experience in the following areas:

- Structural, mechanism and fluid technology
- System level design including electronics and software integration
- Projects with significant quality & regulatory requirements (eg medical devices)



PDD

We offer the opportunity to work at the highest level on diverse challenges and to learn quickly on fast-paced projects. You will be exposed to different clients, market sectors, new technologies and design methods - providing fresh learning opportunities.

With offices in Hammersmith, a vibrant and well-connected part of West London, the PDD UK team will manage your professional development and ask you along to regular social and networking events.

PDD offers a competitive salary, an excellent benefits package and opportunity for overseas travel. PDD is an equal opportunities employer. Candidates must be eligible to work in the UK.

To apply for this position, please email careers@pddinnovation.com with a cover letter and your CV. We look forward to hearing from you.