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## Consultant / Senior Consultant - Product Design Engineer, 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, Shanghai and Boston, 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 Consultant / Senior Consultant to join our permanent staff.

### The Role

Building on your experience, creativity and enthusiasm for design, you will be contributing to the creation and development of a wide range of products across market sectors as part of our multi-disciplinary team. You will manage some of these projects and team members with review support from our senior staff.

In these you will be responsible for the design quality and the management of resources, budgets and time to meet the needs of clients.

Key activities include:

- Create inventive, appropriate and practical technical concepts and assess their feasibility
- Source suppliers and specify materials, processes and components
- Research, source and specify applicable materials, processes and suppliers
- Design and develop concepts into well-performing, reliable and robust solutions; including 3D CAD modelling and managing prototype testing
- Detail and specify design for robust manufacture; including tolerance studies, DFMA and preparing component and assembly drawings and production specifications
- Create and control documents including CAD, reports and specifications
- Work within regulatory framework and PDD's established quality system
- Communicate effectively and deliver high-quality work on-time

### Our Needs

We're looking for a talented and dynamic individual with the broad design, communication and self-management qualities leading to innovative solutions and excellent client relations.

Minimum requirements include:

- 1st or 2:1 Bachelor's degree in Product Design Engineering or equivalent
- Proficient in 3D CAD modelling (ProE or Solidworks) with some surfacing
- Some experience on mechanisms and structures (possibly using Finite Element Analysis)
- Familiar with materials and processes for moulding, casting, machining and fabrication
- Engineering analysis with some familiarity of tolerance calculation
- Experience designing either medical devices, consumer products or industrial equipment
- Understanding of work within quality & regulatory frameworks
- Excellent written and verbal presentation skills



### 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](mailto:careers@pddinnovation.com) with a cover letter and your CV. We look forward to hearing from you.