

## Product Design Engineer

**Location: Cheddar, Somerset**

**Salary: negotiable**

**You are** a proficient user of 3D CAD packages, especially SolidWorks, with a good knowledge of materials and manufacturing processes, especially plastic injection moulding. You have a good up-to-date understanding of rapid prototyping materials and processes. And a good general understanding of IT and of using Microsoft Office Suite and Adobe Creative Suite (Photoshop & Illustrator). You are self-motivated, reliable and conscientious. Accurate, precise and thorough. Have excellent verbal and graphic communication skills and a good eye for detail. With a minimum of 5 years relevant design experience, including some consultancy work.

**The job involves** working closely with concept designers, international suppliers and clients to develop and validate new product ideas for cost effective manufacture and assembly. Using various tools to solve design problems and to develop product assemblies and details; which might range from FMEA and FEA to rough mock-ups and prototypes for physical testing. Component detailing in 3D (parts fully drafted and with all moulding features) and 2D (fully toleranced detail component drawings) ready for release for tooling.

**We are** a product design and development consultancy, providing a complete range of design services to small to medium size companies. We have a proven track record in the fields of: medical device; healthcare products, technical packaging; telecoms equipment and electronic product design. Our award winning and experienced company offers a wide range of services including: user understanding; mechanical engineering; computer aided design and rapid prototyping. We are based in Cheddar, near Bristol International Airport, in the South West of England.

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