

## Mechanical Engineer – Product Design

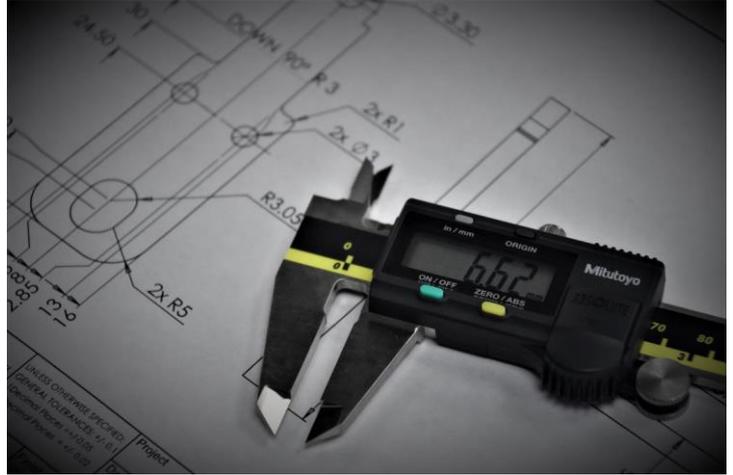
**Location:** Kimbolton, Cambridgeshire

**Salary:** Competitive, DOE plus excellent Pension scheme & Private Health Plan

**Contract:** Permanent, Full time

### The Company:

**BioGene Limited** is an ISO 9001 Biotechnology Company based in Cambridgeshire whose stated mission is 'innovative excellence'. With over twenty-seven years' experience in the field of rapid molecular based technologies for the detection of genetic material and a growing pipeline of IP protected novel instruments and processes the Company is ideally situated for rapid growth on a global scale.



We are now looking to recruit a '**Product Design Mechanical Engineer**' to join our multi-disciplinary team as we bring to market and seek to manufacture, distribute, and support a novel family of products.

If you are an enthusiastic mechanical or product design professional seeking a challenging new role, this is a brilliant opportunity to effectively contribute, innovate and succeed with a fast-growing company.

Offering progression commensurate to contribution and development prospects, we offer a fast-paced environment, ideal for enhancing your design skills. Ability to work in production and service/customer support: mechanically putting together and supporting the product that has been designed is a key requirement as is the ability to work with the Electronics and Software Engineers within the team

### Mechanical Engineer - The Role:

As a **Product Design Mechanical Engineer**, you will be responsible for helping to create a new generation of innovative products as well as helping to improve the current range of products as both customers and changes in technologies demand.

You will design, prototype, and help deploy precision electro-mechanical and optical instruments according to our R&D specifications (engineering is accredited to ISO 13485) whilst maintaining a commercial awareness. The successful candidate will be involved in all aspects of the design and production of parts and instruments, from submission of technical drawings through to manufacturing.

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ISO 9001



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In this challenging Product Design role you will use a variety of methods (sketches, models, CAD, 3D animations) to develop and convey concept ideas; taking these through to fully detailed 3D CAD models, whilst ensuring products are designed for ease of manufacture and test as well as to meet high quality standards. You will be required to produce and follow project and product documentation to ISO 13485 and be able to adopt a hands-on approach as and when the project requires.

You will take responsibility for the full product lifecycle: from early concepts and prototypes to full production and upgrades. To this end, you will work closely with colleagues from sales and manufacturing as well as with suppliers to ensure technical and commercial success.

Naturally curious, you will seek to uncover new and better solutions to everyday problems by applying sound engineering principles and your experience to technical issues.

**Interested? To be considered for the role of Product Design Mechanical Engineer, you ideally would:**

- Possess at least one years' experience, ideally three, in a mechanical and/or product design environment.
- Have experience of managing projects from initial sketching and modelling through to prototyping and all stages of the development process.
- Have a strong background in the use of 3D CAD software (SolidWorks/Composer) and a familiarity with a range of processes and development techniques including plastic molding, metal forming, cable layout and complex assemblies. Good hands-on skills with mechanical structures and assemblies. Ability to use a CNC machine.
- Have creative problem-solving skills, commercial awareness, and the ability to handle multiple projects at once.
- Possess strong all-round mechanical design experience, including designing for manufacture, material selections, molded components, tolerances, mechanisms, engineering mathematics, concept generation, rapid prototyping.
- Have well developed Innovative design ideas for a leading edge range of products.
- Be able to present a portfolio of work, including a sketchbook or workbook demonstrating creative problem-solving abilities.
- Be an enthusiastic and committed self-starter who can set goals and achieve them within the remit of the Business Plan.

**Benefits:**

You will have a good route for self-development and progression based on your abilities, dynamism, and input! Participation in a fast moving, world class business, with the satisfaction of making a visible contribution to the success and growth of the business and impacting 'World Health' outcomes.

**Individual to have EU/UK residency or unfettered ability to work within the UK as well as a full, clean driving licence and access to a car.**

If you have the required skills and experience, click on APPLY and forward your current CV and covering letter, with salary details, explaining why you are a good fit for this role.

No Agencies please.