



Mechanical Design Engineer

CoolLED – Company background

CoolLED design, manufacture and support a range of cutting edge LED illumination systems enabling advances in fluorescence microscopy. Our products are making a difference to people's lives and are used in the mass screening of serious diseases, as well as the leading-edge life science research. Our products incorporate a broad range of technologies and processes including electronic, software, optical, and mechanical components.

CoolLED have been growing at 25% per year for several years, and due to this continuing stable growth, we have an exciting opportunity for an Mechanical Design Engineer to join our team.

We are looking for an individual to understand our products and our customers, and champion the development of opto-mechanical and opto-electronics products to meet their needs. This is a genuine opportunity for someone to make a massive impact and transform the way that we develop our products.

The position will be based in the CoolLED office in Andover, Hampshire.

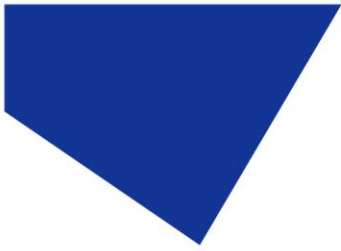
Full Time Position

CoolLED has an exciting opportunity for a Mechanical Design Engineer to join our growing R&D team. This is a key role working with electronic, software, optical and manufacturing specialists in developing world leading products for the microscopy market. We have ambitious product development plans to ensure our continued success and need an experienced Mechanical Design Engineer to help achieve our objectives.

Through your own design experience, you will be responsible for providing creative designs that bring together our core technologies to make finished products that look good and work well ergonomically. Assisting in producing high level yet cost effective drawings as well as development of our existing products will be continuous and run in parallel with new product design projects.

Skills:

- A recognised engineering degree (preferably mechanical) or relevant experience.
- Minimum 2 years of professional experience on similar industry or in high precision engineering environment.
- Proven product design skills using CAD packages (Autodesk Inventor preferably).
- Experience producing technical drawings applying GD&T based on BS8888.
- An understanding of common engineering materials, DFM and DFA methodology.
- Experience on any PDM database would be an advantage.



- Experience working on optoelectronic products would be an advantage, as would an understanding of electromechanical components and thermal management.
- Experience working on full life cycle development from concept to prototype, build and test to manufacturing.
- Ability to provide timely corrective solutions to identified issues.

Personal Attributes:

- Passionate about your work and continuously strive to improve in all aspects of the role.
- Thorough and precise approach to work with great attention to detail.
- Work well under pressure and can prioritise to meet deadlines.
- Good team player with a positive attitude generally.
- Strong communication skills with ability to express and discuss complex concepts with the team.
- Continuously keeping up to date with the relevant technology as well as new design and manufacturing techniques.

To apply please send your CV to jobs@cooled.com