

Mechanical Design Engineer

CoolLED – Company background

CoolLED Ltd designs, develops and manufactures cutting edge LED illumination products, principally for use in microscopy, and markets them worldwide from its base in Andover, Hampshire.

The company pioneered the use of LEDs in fluorescence microscopy and is seen as a major player in this market. LEDs are now recognised as the future for microscopy illumination with considerable growth potential as the previous illumination technologies - while well-established - have many operational and safety limitations. CoolLED has now developed a family of products, including two new “next generation” illumination sources utilising patent pending technology. Our products are sold worldwide finding use in university research labs and hospitals as well as OEM systems.

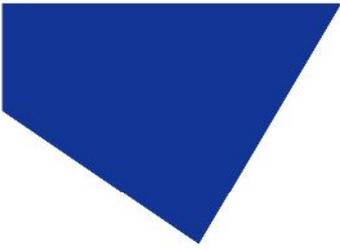
Full Time Position

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. 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
- Proven product design skills with experience producing technical drawings using CAD packages (Autodesk Inventor preferably)
- An understanding of common engineering material, production methods and tolerances
- 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