

SENIOR ELECTRONICS ENGINEER (DESIGN & PRODUCTION)

BG Research is an established innovative Biotechnology company certified to ISO 13485 located in Kimbolton, Cambridgeshire. Our mission is to provide pioneering molecular and engineering technologies to improve access to diagnostic testing and benefit global health outcomes – but most importantly save lives.

We're solving the world's most pressing problems with novel solutions and talented individuals who share our passion to change the world and benefit global health outcomes.

We are always looking to expand our team to further fuel our continued growth and innovations. We are now looking to recruit a Senior Electronics Engineer (Design & Production) to join our multidisciplinary team as we bring to market and seek to manufacture, distribute and support a novel family of products.

If you are a driven, innovative and ambitious individual looking to make a difference and seeking a challenging new role this is an unique opportunity to become a part of a rapidly growing and dynamic company.

Our organic organisational structure and culture of employee empowerment means you will have the opportunity to impact key decisions and projects from the get-go. We focus on providing long term and successful careers for our employees through the continued involvement of exciting and challenging development opportunities.

Your Role

-  You will be responsible for helping to improve the design and test a new generation of innovative products.
-  You will help design, prototype and assist both internal and external resources to meet agreed specifications whilst maintaining a commercial awareness.
-  You will be involved in all aspects of the testing and production implementation of the instruments, from confirming concepts to submission of technical drawings through to manufacturing control.
-  You will be required to produce and follow project and product documentation to ISO13485 and be able to adopt a hands-on approach as and when the project requires.
-  A 'can-do' attitude and ability to 'get the job done' is critical.
-  Experience in PCB design and trouble-shooting, micro-controller firmware understanding and interface/communications to Windows based UI would be distinct advantages.



 5 The Business Centre | Harvard Way | Kimbolton | Cambridgeshire | PE28 0NJ | UK

 recruitment@bgresearchltd.com

 +44 (0) 03333 222 678

 www.bgresearchltd.com



-  You will seek to promote new and better solutions to development challenges by applying sound engineering principles and your experience to technical issues.
-  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.

Specific Responsibilities

-  Use of Altium and other designated electronic/electrical design packages as required carrying out the design function from concept through to full production.
-  Managing the interface to other disciplines within the Company and also external contractors..
-  Creative problem-solving skills, commercial awareness, and the ability to handle multiple projects at once.
-  Possess strong all-round electronic design experience, including - designing for manufacture, component selections, testing of system, Microcontroller firmware(ST Micro)
-  Project management resource for all Electronic based Projects within the Company. Manage and oversee that the agreed schedules are implemented and monitored.
-  Specific responsibility for the supply, development and implementation of optical systems in current and new products.
-  Any other tasks as deemed necessary to carry out the Job Function

Key Job Functions

Project based:

-  Liaising with line manager and helping to devise technical direction to subcontractors and suppliers to ensure that projects are completed on schedule, to specification and within agreed budgets.
-  Providing technical support in hardware, from ideas stage through to pre-production, testing and transfer to production (design for manufacture is key).

Engineering Support:

-  Routine customer service support as and when required. To include office and field-based activities. The aim is to provide direct and link engineering (to third party engineering support) for company products.
-  Any office support as and when required e.g., software support.
-  Assembly/Production of the range of products, this will include production and inventory planning and scheduling to demand.
-  Control of Gantt for the delivery of schedules.
-  Documentation and records to ISO 13485 and other required Quality/Regulatory Standards as deemed necessary.



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Geographical Location

- 📍 'Working Territory' is defined by the limits of operation of the Company in support of the Company's Products.
- 📍 The individual will be located within thirty minutes' travelling distance of the current facilities based in Kimbolton in Cambridgeshire or, as necessary, move to an alternative location should this be deemed necessary.
- 📍 Own transport is required for the position.

Remuneration Package

Competitive salary ,Private Health Insurance, and enhanced pension as well the ability to make a difference within the team and self-develop as the organization grows.

In the first instance please send a cv to:
recruitment@bgresearchltd.com



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