Job Summary
This is your opportunity to **use your skills and expertise in mechanical and electronics engineering to support the delivery of our smart inhalation devices**.

It's an exciting time to join Vectura, as we execute our strategy to build a leading inhaled Contract Development and Manufacturing Organisation (CDMO) business. This role will provide you with an exciting opportunity to work alongside industry experts and have a positive impact on patients' lives from around the world.

What you get
In return for your skills and expertise, we offer a competitive base salary, annual bonus and generous benefits package including a pension plan, life assurance, private health, dental plan, share save/incentive schemes, cycle to work scheme and free parking.

Requirements
We're seeking an experienced systems engineer to support the development of our current and next generation of inhalation devices. You'll provide technical expertise, support and direction to our device development teams. You'll operate internally across sites/project teams and also externally with associated suppliers or partners.

Key responsibilities will include (but not limited to):
- The design of medical device mechatronics including m-Health connectivity functions.
- Design history file including design input requirements and mechatronic product specifications.
- Develop the design input requirements and specifications within cross functional teams and communicate to stakeholders within Vectura
- Develop and implement mechatronics for medical devices integrated in drug device combination products
- Collaborate across multiple functions to design, test, document, validate and industrialise device mechatronics
- Support identification and management of external design partners and suppliers
- Support planning, budget, timelines and resource planning in line company policies

What you need
With a degree in computer science, engineering or related disciplines, you'll have demonstrable medical device development and design experience, including documentation, verification and validation. You'll demonstrate excellent knowledge of network protocols, databases and relevant technologies.

As an experienced mechatronics development professional, your advanced knowledge of LabVIEW, object oriented programming (preferably C# or C++) and smart device software will be key to developing intuitive user interfaces. You'll have proven experience of HAL modules for ARM based microprocessors, working with dev boards as well as bringing up PCB's.

About Vectura
We are a provider of innovative inhaled drug delivery solutions that enable partners to bring their medicines to patients. With differentiated proprietary technology and pharmaceutical development expertise, Vectura is one of the few companies globally with the device, formulation and development capabilities to deliver a broad range of complex inhaled therapies.

We have ten key inhaled and eleven non-inhaled products marketed by partners with global royalty streams, and a diverse partnered portfolio of drugs in clinical development. Our partners include Hikma, Novartis, Sandoz (a division of Novartis AG), Mundipharma, Kyorin, GSK, Bayer, Chiesi, Almirall, and Tianjin KingYork.

Our culture has been created through the participation of our colleagues - a culture that encourages a diverse and inclusive workforce. We offer flexible working opportunities that promote a healthy work

life balance. We nurture our people through vocational development, mentoring programmes and career development. You'll find this is an ideal place to develop a stimulating and rewarding career.

Apply
To find out more about the role, Vectura and to apply online, click on the Apply button.

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