



Title: Biomedical System Engineer (Hardware)
Department: Product Development
Reports To: Chief Scientific Officer / Program Manager
Employment Status: Full-time, Permanent, Eurocentral

About PneumoWave:

Based in central Scotland within easy reach of both Glasgow and Edinburgh, PneumoWave is a Digital Health company developing highly innovative real-time monitoring platform solutions for patients with respiratory illness. Combining proprietary sensor technology and innovative AI driven digital therapeutic software, PneumoWave's technology is designed to detect and alert to life-threatening events, reducing preventable deaths from respiratory illness.

Following significant investment, we are seeking a Hardware System Engineer with biomedical and/or medical device experience to join our existing team. The role will provide technical leadership and inter-disciplinary coordination for development of PneumoWave's medical device systems.

Responsibilities include:

- Provide technical leadership and inter-disciplinary coordination for development of PneumoWave's medical device systems.
- Work within the development team to design new products and enhance existing products.
- Plan and coordinate product testing for demonstrating performance, design verification and reliability testing.
- Support the project manager to plan project schedules, and to identify and mitigate technical risks.
- Work with outsourced manufacturing partners to transfer completed product designs to controlled manufacturing.

Qualifications & Experience

- Degree qualified (or equivalent) in engineering or physics.
- Experience designing, engineering and developing miniature, handheld or wearable electronic products, including medical devices or scientific instruments.
- At least 5 years experience working in a multi-disciplinary product-development environment.
- At least 2 years experience leading multi-disciplinary project teams for product development.

Skills

- Development of devices integrating electronics, embedded software and mechanical components.
- Engineering design of electronic and/or mechanical components and subassemblies.
- Engineering calculations and analysis of data.
- Ability to understand and clearly communicate technical principles and trade-offs.
- Development and specification of technical requirements and design verification methods.
- Preparation of technical documentation within a quality management system.
- Leadership and collaboration within cross-functional teams.
- Developing collaborative relationships with suppliers and sub-contractors.



This is a key role at PneumoWave requiring a detail oriented, proactive and problem-solving approach. You will be encouraged and supported in continuously developing your skillset with qualifications and mentoring from experienced engineers and regulatory professionals.

PneumoWave Benefits:

PneumoWave offers a competitive salary based on experience, a combination of office and remote working aiming to maximise your work-life balance and have the following additional benefits:

- Company pension
- Flexible working schedule
- A chance to grow with an ambitious MedTech company.

If you like the idea of joining a dynamic team in creating innovative technology that can save and improve the lives of many patients, then please do let us know at careers@pneumowave.com with a covering letter and CV.