



Hardware Engineer (Remote Working)

Kite Medical is a medtech company developing a novel, electromechanical medical device designed to detect kidney reflux in children. Our vision is to be *'the method of choice for screening and monitoring kidney reflux in children, enhancing patient experience and clinical outcomes'*.

The Role

The hardware engineer will be an active member of the technical team. The role will involve the design and test of sensors integrated into a wearable paediatric interface.

We are looking for a candidate that is proactive, a team player and has excellent communication skills. The role will report directly to the CTO and will require both new development work, and investigation of existing systems, which will drive continuous product improvement.

The candidate will:

- Define, design and test highly integrated, usable instruments
- Liaise with Industrial Design, Engineering & Management teams
- Design, implement and test complementary sensors to be used in conjunction with an existing Electrical Impedance Tomography (EIT) system
- Understand and help improve measurement quality in existing instruments through experimental and design investigations.
- Support the full development life cycle – requirements analysis, architecture, design, implementation, verification, validation and documentation
- Participate in code and design review procedures
- Contribute effectively to a cross-functional team

Job Requirements

- Minimum 3 years technical engineering industry experience or a PhD in biomedical/electrical/electronics engineering, or related discipline
- Bachelor's degree in biomedical/electrical/electronics engineering or related discipline
- Experience in part selection, schematic capture, hardware/firmware prototyping, lab investigations (oscilloscope work, fine soldering, signal and power integrity), Git and issue tracking. A working understanding of C, Python, Matlab would be helpful.
- Experience in an ISO regulated industry would be considered an asset.

To apply, please submit your CV and a cover letter detailing why you are applying for the role to info@kitemedical.ie.