CLiKX
NousQ Pte Ltd

NousQ is a Singapore-based start-up that develops and commercialise patient-centric medical solutions to address large unmet needs in both developed and underserved markets. Its first product, CLiKX®, is a novel handheld surgical tool for otitis media (glue ear) that will reduce cost and reduce risks; even as it improves outcomes, access and equity for millions of children the world over. Website: http://www.NousQ.com

TITLE: GENERAL MANAGER/ MANAGING DIRECTOR/ CHIEF EXECUTIVE OFFICER DESIGNATE

The right candidate is a dynamic and experienced leader with expertise in medical devices, pharma or healthcare service industry. Experience in a start-up company that has taken an innovative medical device through clinical trials, fund raise, regulatory approval and commercialisation would be the ideal, but is not a must.

PRIMARY DUTIES AND RESPONSIBILITIES

PLANNING AND OPERATIONS

- Provides management of all aspects of the company's operations from clinical trials to commercialisation of these devices, together with relevant consultants
- Initiates, manages and monitors appropriate interventions to ensure compliance with local and foreign regulations or accrediting organizations and licensure requirements
- Collaborates with the rest of the executive team to optimize the growth and performance of the organization as measured by the financial statements
- Responsible for strategic and fiscal planning, management, and accounting for the business

MARKETING AND DEVELOPMENT

- Coordinates with the Marketing team to publicize the organization and the services/products offered
- Develops internal training for employees and potential marketing programs for medical device education of healthcare professionals and the local communities

FISCAL/FINANCIAL MANAGEMENT

- Works to optimize the financial performance of the organization
- Responsible for strategic and fiscal planning, management, and accounting for the business. Responsible for planning of future growth by assessing existing and future program needs, establishing priorities and identifying fiscal and human resources for development

OTHER

- Performs other duties as requested by the board of directors

KNOWLEDGE, SKILLS, AND ABILITIES

- Experience managing a medical device, pharmaceutical or related healthcare business is advantageous
- Excellent problem solving skills and the ability to identify opportunities to improve process
- Superior leadership skills and experience, particularly in cultivating a high performing leadership team and in developing and maintaining excellent relations with staff at all levels
- Excellent people skills, written and verbal communication skills are mandatory as well as basic computer literacy and skills
- Strong financial management skills
- Ability to translate vision into a strategic plan and execute the plan with excellence
- Experience developing revenues and optimizing the revenue cycle in a clinical setting
- Ability to effectively analyse complex business issues/problems and lead/influence individuals and groups in developing and implementing successful resolution tactics
- A results-oriented individual with a reputation of doing what it takes to get the job done
- High degree of resilience, persistence and the ability to thrive in an environment of rapid change
- A high sense of urgency and experience operating effectively in a fast-paced start-up environment requiring the skill to handle multiple priorities simultaneously and with limited manpower and resources at the start.

EDUCATION & WORK EXPERIENCE REQUIREMENTS

- Master's Degree (preferably MBA, MHA or MPH) and/or equivalent combination of experience and education preferred
- Minimum of 8 years of progressive and effective leadership experience

Contact: Dr Lynne Lim, Founder (lynne@clikxmed.com)

Title: Senior Firmware Engineer

An exciting MedTech startup is looking for a senior firmware engineer to be part of the growing team to translate their surgical medical device (CLiKX device) into a viable and sustainable business to create value and improve the lives of millions of children worldwide. The novel surgical device addresses a key issue in the Ear, Nose & Throat sector and a huge market. It has garnered Seed Round funding, and is undergoing First-in-Man human clinical trial in 2022, and targets regulatory approvals and commercialization in 2024 - 2025.

Profile / Qualifications:

This position is for an engineer with Bachelor's or Master's degree in Computer Science/ Electronics/Computer Engineering with at least 3 years of experience in embedded system development. The engineer will be a part of the startup team focusing on product realization process.

- Good understanding of medical device firmware design and development processes and preferably with prior experience in product realization process.
- Relevant experiences include coding with programming language such as C/C++ and/or competent in applying other similar IDEs/toolchains for firmware development.
- Knowledgeable in quality concepts including verification and validation, and reliability testing.
- Good understanding of medical device software regulatory requirements, such as ISO62304 is a plus.
- Experience in AI-related firmware development is a plus.
- Excellent communication skills in spoken and written English and good inter-personal skills to engage and interact with team members, vendors, consultant and any potential third party.
- Possess a high level of integrity, independent, self-motivated and enjoy working in a fast-paced startup environment.

Job Description

The responsibilities in supporting product development team include but are not limited to:

- Participate in ideation, conceptualization, design and iteration, verification and validation, manufacturing support for high potential new medical technologies involving firmware.

- Involve in design reviews to identify issues and derive robust solutions that meet the intended use, safety and effectiveness, as well as quality of the product.

- Collaborate with manufacturing partners to communicate design concepts, technical and/or business trade-offs, and engineering solutions.

- Perform firmware engineering tasks including:

    - Translate / refine high-level requirements into the architecture and engineering specifications of the firmware system

    - Design, develop, integrate and debug/troubleshoot the embedded system / MCU related hardware to meet the defined objectives, targeted cost and schedule.

    - Support the development and execution of relevant test plans, including unit test, integration test and system test to verify and validate that the product is able to meet all requirements.

    - Support functional and reliability tests to ensure safety and performance of the overall product systems.

- Generate and maintain the necessary documentation for the firmware systems, including design documents, firmware architecture, schematics, SOP/work instructions, Device Master Record (DMR) and other documentations needed to meet the regulatory requirements such as Design History File (DHF), ISO62304, ISO13485 & FDA 21 CFR Part 820.

- Oversee firmware design change orders and support any relevant verification and validation activities.

- Support ad-hoc administrative duties as and when required to ensure smooth operation of the company's activities.

Please send application to Mr Gan Chee Wee at cheewee@clikxmed.com with your CV and 2 recommendation letters.

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Title: Senior Mechanical Engineer

An exciting MedTech startup is looking for a senior mechanical engineer to be part of the growing team to translate their surgical medical device (CLiKX device) into a viable and sustainable business to create value and improve the lives of millions of children worldwide. The novel surgical device addresses a key issue in the Ear, Nose & Throat sector and a huge market. It has garnered Seed Round funding, and is undergoing First-in-Man human clinical trial in 2022, and targets regulatory approvals and commercialization in 2025.

Profile / Qualifications:

This position is for an engineer with relevant Bachelor's or Master's degree with at least 3 years of experience in mechanical engineering. The engineer will be a part of the startup team focusing on product realization process.

- Good understanding of medical device design and development processes and preferably with prior experience in product realization process.
- Other relevant experience include part and mechanism design, prototyping, fabrication or manufacturing techniques such as CNC and injection moulding, tolerance analysis, modeling, FMEA and Finite Element Analysis.
- Working knowledge of CAD tools, including SolidWorks / Autodesk or other equivalent tools and packages.
- Knowledgeable in quality concepts including designing for manufacturability, verification and reliability testing.
- Strong desire to work on mechanical systems in medical product development.
- Excellent communication skills in spoken and written English and good inter-personal skills to engage and interact with team members, vendors, consultant and any potential third party.
- Possess a high level of integrity, independent, self-motivated and enjoy working in a fast-paced startup environment.

Job Description:

The responsibilities in supporting product development team include but are not limited to:

- Participate in ideation, conceptualization, design and iteration, verification and validation, manufacturing support for high potential new medical technologies.

- Involve in design reviews to identify issues and derive robust solutions that meet the intended use, safety and effectiveness, as well as quality of the product.

- Collaborate with manufacturing partners to communicate design concepts, technical and/or business trade-offs, and engineering solutions.

- Perform functional mechanical engineering tasks including:

  - Design, manage and optimize part / sub-systems / systems to meet defined objectives, targeted cost and schedule.

  - Translate / refine high-level requirements into architecture and engineering specifications of components, subsystems, and systems.

  - Coordinate and oversee prototyping, manufacturing, delivery and in-coming check activities of components and sub-assemblies.

  - Support the development and execution of relevant test plans to verify that the product is able to meet all quality requirements for components, subsystems, and integrated systems.

  - Perform functional and reliability tests of components, subsystems, and systems, troubleshoot and resolve issues.

- Generate and maintain the necessary documentation for the components, subsystems, and systems, including design documents, drawings, SOP/work instructions, Device Master Record (DMR) and other documentations needed to meet the regulatory requirements such as Design History File (DHF), ISO 13485 & FDA 21 CFR Part 820.

- Oversee design change orders and support any process validation activities.

- Support ad-hoc administrative duties as and when required to ensure smooth operation of the company's activities.

Please send application to Mr Gan Chee Wee at cheewee@clikxmed.com with your CV and 2 recommendation letters.