BTL India

BTL India is looking for a Test Engineer with experience (3-5 years) to support Design and Development of medical devices. This role will be supporting the testing activities during the product development cycle including software development. Will play a key role in ensuring Product Quality and Safety during Design & Development cycle.

ROLES AND RESPONSIBILITIES

As part of the Medical Product testing team, should be able to plan, identify and execute testing activities in a product development to meet the quality and project goals but not limited to the following:

- Plan, drive and execute testing activities in a Product development project.
- Defining test methodology for ensuring the quality of embedded Firmware and at System level.
- Creating/defining the necessary tools and test plans for conducting firmware testing and hardware design verification.
- Developing new processes and tools to speed the testing process (e.g., auto testing) to improve test coverage and reduce testing cycle time
- Implement and drive Software Testing Life Cycle in an Agile development methodology
- Understand product features in detail, develop test cases and perform test execution to challenge the design
- Perform traceability of test cases to requirements and ensure test completeness
- Drive and Perform Integration, Software, System, Functional and Regression testing through Manual and Automation testing
- Ensure safety and quality of the product
- Work Closely with development team and Project team to meet the project timelines.
- Identifies opportunities for improvements, offer new ideas and take initiative to improve process.
- Guide team on product requirements, test optimization and early identification of defects.
- Demonstrate the ability to learn fast and understand new technologies.

ESSENTIAL QUALIFICATION AND EXPERIENCE

QUALIFICATION:

- Engineering degree or above in Electrical/Electronics/Software engineering or equivalent

TECHNICAL COMPETENCY: (ESSENTIALS)

- Minimum 2 Years of experience in Product Development Testing – Software and System
- Background in medical industry with working knowledge on IEC standards, and knowledge in testing medical devices.
- Comfortable in interpreting design and identify test scenario
- Sound knowledge of peripheral drivers like I2C/ SPI/ UART/ USB/ GPIOs/ BLE etc.

- o Deep knowledge and experience in system engineering, system integration, developing testing instruments, test design and automation, verification strategy and design controls.

- o Fire in the Belly - Passion for success and being proactive
- o Clarity – Systemic approach and doing in-depth with understanding of design. Providing clarity.
- o Teamwork - Constructive approach and helping others.
- o Learns organization vision statement and decision-making framework. Able to understand how team and personal goals / objectives contribute to the organization vision.
- o Completes assigned tasks on time and with high quality. Takes independent responsibility for assigned deliverable.

ADDITIONAL QUALIFICATION AND EXPERIENCE (DESIRABLES)

- o Good knowledge in various testing methodologies and tools
- o Experience with Agile development methodology
- o Good understanding of medical device testing and in driving quality and regulatory changes.
- o Experience using a Requirements Management tool, such as Code Beamer or DOORs, Jira for requirements and test cases management.
- o Preferably experience in Test Automation on various platforms.
- o Experience working on ARM based Micro controllers like STM32

BTL is a global leader in the field of development and production of medical devices for physiotherapy and is a well-respected company within the field of cardiology and aesthetics with a constantly growing share of the worldwide market. BTL has own R&D units in five countries. We have two factories in Europe where our broad product portfolio is produced from which it is distributed under the BTL brand name to more than 100 branches and business partners around the world. From its establishment in 1993 the company has been building up a complex technological know-how across a wide spectrum of fields. The philosophy of the company is to create technologically unique products with high added value, top quality and original industrial design.