BTL India

BTL India is looking for a Test Engineer with experience (4-6 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 and execute testing activities in a Product development project.
- Defining test methodology for ensuring the quality of embedded Firmware and System level.
- Creating/defining the necessary tools and test plans for conducting firmware testing and system verification.
- Developing new processes and tools to speed the testing process (e.g., automation testing) to improve SW 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.
- Perform test optimization and early identification of defects.
- Demonstrate the ability to learn fast and understand new technologies and medical domain.

ESSENTIAL QUALIFICATION AND EXPERIENCE

QUALIFICATION:

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

TECHNICAL COMPETENCY: (ESSENTIALS)

- 4 to 6 Years of experience in Product Development Testing – Software and System
- Good knowledge on Blackbox test case design technique.
- Knowledge on Agile methodology and experience in complete product development lifecycle.
- Experience and knowledgeable in interpreting design and identify test scenario

- o Good knowledge in system integration, test design and verification strategy.

BEHAVIOURAL COMPETENCY:

- o Fire in the Belly - Passion for success and learning new technologies.
- 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.

ADDITIONAL QUALIFICATION AND EXPERIENCE (DESIRABLES)

- o Background in medical industry with working knowledge on IEC standards, and knowledge in testing medical devices.
- 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 and Embedded Linux
- o Sound knowledge of peripheral drivers like I2C/ SPI/ UART/ USB/ GPIOs/ BLE etc.

The 2013 incepted BTL India R&D center in Bangalore is the second largest R&D center and an important arm of the 1993 founded established brand, BTL originally from the Czech Republic, a global innovator of Medical and Aesthetic Solutions. BTL India is a complete R&D center focused on medical product developments in areas of Cardiology, Physiotherapy and Aesthetics.

BTL boasts 50 plus unique products in the market with its in-house marketing and sales in 55+ countries across the globe. BTL has four R&D centers and two manufacturing units in Europe while BTL India R&D center was started 8 years ago to add more products under the BTL product portfolio to support its growing market demands.

The philosophy of the company is to create technologically unique products with high added value, top quality and original industrial design