



BTL India

BTL is one of the major manufacturers of medical equipment globally. BTL's major segments include Rehabilitation & Orthopedics therapy, Cardiovascular systems and Aesthetics medicine.

BTL India focusses on the end-to-end research & development of new medical devices for global market, from idea to serial production at our manufacturing facilities in Europe.

BTL India development center is seeking a highly motivated **firmware developer** with strong firmware design and development skills to contribute in the research and development of software for medical devices.

ROLES AND RESPONSIBILITIES

As part of the New Product Development (NPD) team, the candidate should be able to perform the following duties, but they are not limited to the following:

- Understand the product specification and software requirements.
- Designing the software modules and ensuring the software design meets all requirements of quality, performance, maintainability and extensibility.
- Hands-on software development, implementing new modules, helping the team in debugging and resolving critical issues on need basis.
- Provide technical guidance to junior engineers and perform design/code reviews.
- Estimating the software development activities and guiding the team in estimations.
- Comply with the requirements of the BTL quality management process.

ESSENTIAL QUALIFICATION AND EXPERIENCE

QUALIFICATION:

- Bachelor or master degree in Electronics or similar engineering stream.
- Around 5 years of experience in design & development of embedded firmware.

TECHNICAL COMPETENCY:

- Proven experience in designing and developing microcontroller based embedded firmware.
- Proficient in firmware development using C, C++ with and without any OS.
- Experience in unit testing and automated unit test frameworks.
- Good knowledge of embedded system fundamentals like microcontrollers, peripherals, embedded operating system concepts, communication protocols, etc.
- System level understanding with the ability to understand hardware design and other system level interactions of software.

- Experience in agile development process, continuous integration and related tools.

BEHAVIOURAL COMPETENCY:

- Fire in the belly - Being proactive, getting the job done.
- Clarity - Good analytical thinking and analyzing deeply.
- Effectiveness - Systematic approach and being organized.
- Collaboration - Working as a team, helping others.

The 2013 inception of BTL India R&D centre in Bangalore is the second largest R&D centre 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 centre 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 direct offices in more than 80 countries across the globe. BTL has five R&D centres and two manufacturing units in Europe while BTL India R&D centre was started 13 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.

