



BTL India is looking for an experienced (5 -7 years) **Firmware specialist** with strong firmware design and development skills to contribute in the research and development of software for medical devices.

At BTL India we are creative, solve complex interdisciplinary problems and quickly master new technologies. We offer a productive environment with a lean process and open culture. BTL India R&D center is an organization which provides its engineers with full product development experience and ownership. We respect innovations and do not restrict it with budget and time.

ROLES AND RESPONSIBILITIES

As part of the BTL India R&D team, you may have to perform the following duties:

- Understand the product specification and software requirements.
- Designing the complete software and ensuring the software design meets all requirements of quality, performance, maintainability and extensibility.
- Hands-on software development, implementing new modules as well as maintaining already implemented software.
- 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.

QUALIFICATION:

- Bachelor or Master Degree in Electronics or Computer Science.
- Around 5 to 7 years of experience in design & development of embedded software.

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 on embedded system fundamentals like microcontrollers, peripherals, embedded operating system concepts, communication protocols, etc.
- System level understanding with ability to connect with 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.

BTL INDIA

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 its 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 knowhow 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.

