

## Experienced Electronics/ embedded software engineer wearables & medical devices

2M develops medical devices, industrial sensors and biometric wearables for e-health, sports and clinical applications. 2M has a vacancy for a experienced electronics/ embedded software engineer who together with the rest of the team brings innovative solutions from idea to commercial product.

### About 2M Engineering

2M Engineering is a high-tech SME that creates innovative (sensor) solutions for medical, industrial, e-health & sports products. With a small and dedicated team of 20 highly skilled international, tech-professionals, 2M realizes complete product developments, going from R&D through industrialization, (medical) certification and production. We create products that have an impact and add real value to people's lives. Our clients include large and small companies, startups, hospitals, knowledge institutions and research organizations. 2M Engineering is based in Valkenswaard, The Netherlands close to Eindhoven.

### We are looking for..

We are looking for an experienced electronics/ embedded software engineer who likes challenges and has a broad interest in electronics/ embedded software engineering. The successful candidate should have experience in the creation and industrialization of new products. They must be interested in working in applications ranging from wearable devices to large industrial and safety critical installations and medical devices. The electronics/ embedded software engineer will work together with the other technical disciplines such as optics, signal processing, mechanics and quality to create the complete product. 2M is a project organization where you can work on one or more innovations at the same time: so always something new to be done and opportunities for continuous learning.

### Function description

The electronics/ embedded software engineer should have at least 3-5 years relevant (technical) work experience and will be responsible for design, realization and testing of the electronics and embedded software (firmware) of our products. Within 2M the electronics/firmware team works closely with the biomedical signal processing engineers. The candidate should be conceptually strong and able to translate concepts into practical hardware and software solutions. The candidate should have a solid base in engineering and up to date knowledge and skills in hardware architecture and design, C and embedded systems. Affinity with app creation and/or biomedical signal processing is a plus. We are looking for an energetic person with a positive mindset and a "can do" attitude who likes achieving the impossible together with the rest of the team.

The electronics/ embedded software engineer keeps track of new techniques, innovations and software platforms that make life easier. 2M creates modular hardware and firmware platforms that can easily be applied to a larger number of applications to shorten development times and keep technical risks low.

General characteristics: strong technical capabilities, independent, eye for detail and quality, willingness to deliver results, open, flexible and constantly looking for improvements to make 2M the best in class product creation company.

### Requirements

#### Knowledge:

- Masters in Electronic Engineering and/or Software Engineering.
- At least 3-5 years' experience in the field of electronics / embedded software engineering (more is a plus) for new product development. C, C++ - ARM, MSP. Good knowhow and up to date knowledge of current hardware building blocks.
- Other software experience like database/ PHP, iOS & Android app creation, C# is a plus.

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- Affinity with medical, sport & industrial applications.
- Knowledge of methods, techniques and tools required for software development (Agile, SCRUM etc).
- Working knowledge of the English language.

**Characteristics:**

- Reliable energetic personality that delivers what is promised.
- Positive, can-do attitude.
- Able to build long term relationships with clients.
- Able to work in a structured way and improve existing processes.
- Able to organize own work and work for others (planning, prioritise, deliver on commitments).
- Ability to work independently as well as, as part of a team. Open for feedback.

**We offer:**

- An exciting work environment where every day is different and challenges abound.
- Growth opportunities and paths for both personal and professional development.
- The chance to define your own development projects and realize your own ideas.
- A market conform salary.

If you think you are up to the challenge contact us! [info@2mel.nl](mailto:info@2mel.nl)

Job Type: Full-time