

For our team in Munich, we are currently looking for a

**Software Engineer (m/f/d)**

**Industry:** Medical Devices

**Location:** Munich, Germany

**Employment:** Full-time position

**Qualifications:** Bachelor or Master's degree in computer science or related field;  
>3 years related work experience; excellent verbal and written English skills

**Your role**

As "Software Engineer", you will support our Scrum development team in developing medical imaging software and implementing test procedures throughout the software life cycle of our medical devices.

You will be responsible for establishing state-of-the art cybersecurity concepts and measures for CE certification in our medical software and optoacoustic imaging systems. In parallel, you will contribute to the .NET based implementation of the business logic and user interface of the medical imaging software. You will also support the verification and validation process of medical software and assist in the implementation of agile best practices, including continuous integration, code quality and related automated tests.

Principal duties and responsibilities include the following:

- Development of medical software using C#, .NET, Visual Basic, Visual Studio and AzureDevOps
- Design and implementation of cybersecurity concepts for medical software
- Design and development of automated software tests
- Support of verification and validation activities of medical software

**Your qualifications / profile**

The qualified candidate should have a computer science or related academic degree, at least 3 years of professional experience in software engineering (preferably C#/C++ and Visual Basic), excellent analytical and communication skills, and a very good command of the English language.

Particularly preferred skills/experience include the following:

- Experience in software development for medical devices and related design control procedures
- Knowledge about relevant standards/guidance documents for cybersecurity (IEC TR 60601-4-5:2021, IEC 81001-5-1:2020, IT security guideline TÜV)

- Knowledge about relevant standards applicable to software development in the medical field (ISO 13485, IEC 62304, ISO 14971, IEC 62366)
- Knowledge and experience relating to Scrum or other Agile practices, such as working in sprints
- Experience with Agile development tools and practices, like Continuous Development and Integration, unit and regression testing
- Intimate knowledge of software architecture, development lifecycle and methodologies
- Structured and self-motivated way of working
- A “hands-on” and “can-do” attitude

In addition to the skills listed above, we require a passion for exploring new ground, developing a new business and working closely in a multidisciplinary international team.

### **We offer**

- Breakthrough technology in the growth market of medical devices
- Substantial individual responsibility and the opportunity to realize own ideas
- A young, dynamic, international and adventurous team to work with

### **About iThera Medical**

iThera Medical offers the next generation in photonic molecular imaging technology. The company was founded in 2010, as a spin-off from the Helmholtz Center Munich. Together, we pursue the further development of proprietary optoacoustic imaging technology for use in preclinical and clinical applications. Our international customers include the most prestigious research centers, academic hospitals and pharmaceutical companies. Please visit our website for more information ([www.ithera-medical.com](http://www.ithera-medical.com)).

Do you want to take on responsibility and help us shape a leading-edge technology in a dynamic environment? Then we are looking forward to hearing back from you!

### **If you have any questions, please contact us:**

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