

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

Software Architect (m/f/d)

Industry: Medical Devices

Employment: Full-time position

Qualifications: Master's degree in Electrical Engineering or Computer Science with >5 years related hands-on work experience

Your role

As Software Architect, you will take a leadership role in the development of our imaging and system software throughout the software lifecycle of our medical devices. Your main responsibility will be the definition, control, and documentation of our software architecture.

Principal duties and responsibilities include the following:

- Definition of architecture guidelines for image reconstruction and post-processing, from data acquisition embedded code to system software and the interface to the clinical cloud
- Development of software using C#, .NET, Visual Basic, Visual Studio and AzureDevOps
- Design and implementation of cybersecurity and DICOM concepts for medical software
- Close collaboration with iThera's imaging algorithms team, an external software implementation team for the system software, and other related external partners
- Support of verification and validation activities of medical software

Your qualifications / profile

The qualified candidate should have an electrical engineering/computer science academic degree with >5 years of hands-on professional experience in software engineering (preferably C#/C++ and Visual Basic) and a very good command of the English language.

Particularly preferred skills/experience include the following:

- Hands-on and in-depth experience in designing full-stack software architectures and implementing software for embedded systems with limited resources
- Experience in software development for medical devices or other regulated industries using design control procedures, e.g., Polarion and Azure
- Experience in implementation of software documentation for MDR/FDA authorities
- Knowledge about relevant standards applicable to software development in the medical field (e.g., IEC 62304, ISO 81001-5-1) or another regulated environment
- 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, and international team to work with
- Flexible working hours and remote work

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).

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:

Email: patrick.leisching@ithera-medical.com
www.ithera-medical.com

Contact: Dr. Patrick Leisching