Principal Software Architect

C-RAD is a global medical device company with head quarter in Uppsala. We develop, produce and sell innovative solutions to healthcare customers. The focus is on patient positioning, monitoring and imaging within radiation therapy. We are market leader in the field of optical patient positioning. C-RAD is a stock listed company at NASDAQ OMX Nordic Exchange. C-RAD group consists of three daughter companies in Sweden and sales offices in the USA, Germany, France and China. C-RAD is ISO 13485 certified.

Our core values are Professional, Organized and Honest.

*We are currently looking for a **Principal Software Architect** to strengthen our R&D team.*

Join C-RAD to fight cancer – in Uppsala

Our products enables precision health through positioning and monitoring of patients in radiation therapy, which maximize the dose in tumours and minimize the dose in surrounding tissues.

We are now strengthening our R&D team in Uppsala with a Principal Software Architect. Our task is to develop and integrate world class systems to our patient positioning/monitoring products for radio therapy. As a principal software architect, you will be part of the complete product lifecycle and have a key role within a highly skilled R&D team.

You will lead software architecture activities, be updated on latest software development trends and technology as well as participate in explorative discussions with customers and partners. As needed, you will also take on a supervisor role in the development projects to ensure software excellence and ensuring that quality standards are met through documentation, reviews and risk analysis.

Your profile

- MSc in Computer Science, System engineering, Physics or related discipline, or equivalent working experience.
- Extraordinary experience in software and system architectures
- Strong leadership skills – perceived as a technology "go-to"-person

- Documented experience in customer and partner interactions
- Excellent object orientation design knowledge, experience in WPF and MVVM design pattern
- Proficient in C# and .NET Frameworks
- Proficient in Windows application development
- Experience in Cloud solutions, databases and Web technologies
- Integrated system testing, understanding platform dependency and hardware interface dependencies
- Team Player with excellent interpersonal and communicative skills
- Innovative, responsible and professional
- Structured, driven, self-motivated and analytical
- Solution oriented approach, positive and service minded
- Fluent in English and Swedish

Desired skills and experience
- Experience in leading software/system verification
- Test driven development experience (preferably NUnit)
- Experience in 3D graphics, computer vision or image processing
- Used to agile methodology
- Test automation
- Medical imaging communication, such as DICOM.
- Experience working with medical device products

What we are offering for you

- Key position in an innovative, fast growing company with a great team spirit
- A fun and constantly changing work environment with skilled colleagues and exciting projects with new technologies
- A dedicated team within a global organization
- Short decision-making processes supporting an efficient working environment
- Attractive possibilities for self-development and career progression
- Competitive compensation package

Next steps

If this position is of interest please send us your application incl. a CV. Interviews are being held on a current basis, please send in your application as soon as possible.

Johan Bostedt
R&D Manager

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