



RareCan Chief Technology Officer

Opportunity for exceptional technology leader to join an award-winning startup, to solve some tough technical challenges and improve outcomes for millions of people with cancer around the world.

RareCan is a digital health company focused on improving outcomes for people with rare and less common cancers. We are looking for an outstanding and highly strategic CTO with extensive health technology experience who wants to have a global impact on how millions of people with cancer are treated.

Why is this important? 5 year survival rates for people with rare cancers are 47%, compared to 65% for people with common cancers. Yet rare cancers aren't rare: they account for around half of all cancers, affecting 9m people globally.

Working with patient consent, we bring together multimodal data for precision diagnosis and accurate longitudinal data, to provide our members (people with cancer) with personalised information and tools to better understand and manage their cancer, and the global life science industry with a platform to accelerate the pace at which new diagnostics and treatments are brought to market.

Role description

Ahead of our next fundraising round we are looking to bring a CTO into our leadership team to help us develop our technology stack, data pipeline and AI roadmap and secure our investment; and then with our new investment, lead its implementation, driving RareCan forwards as a leading digital health technology for people with cancer and a global platform for precision oncology research. We are looking for a strategic, senior leader, who has demonstrated experience interfacing with other senior leaders in the NHS and other hospital systems, and who can represent us at industry events.

There are a broad range of opportunities and challenges for our CTO to get stuck into, including:

- Rapid curation of the multi-modal data needed to deliver precision diagnostics and detailed longitudinal data needed to drive precision medicine research
- Design and implementation of a scalable enterprise technology infrastructure
- Development of our product and data pipelines
- Driving cutting edge use of bioinformatics and data science to support us achieving our goals
- Partner with senior leaders in the NHS and other hospital systems globally
- Overseeing the implementation of our technology, practices, resources, and ensuring technology implementation meets all appropriate security and compliance standards
- Making a difference: you must be driven to improve patient care

Person specification

We are looking for someone who has demonstrable experience in successfully leading some or all of these areas in a health tech company, preferably with experience of scaling them across a health tech company. You don't need to have done it all, nor is it essential that you have already been at a C-level, but you do need to:

- Have broad technical knowledge and a hunger to be at the forefront of the application of technology in health. Still able to program, although we don't expect you to do this on a day-to-day basis – but you should be able to read the code your team writes.
- Have extremely high strategic capacity, working with other teams to guide the direction of the company overall
- Have experience building regulated devices in a regulated industry (e.g. healthcare, finance, etc.)
- Have deep knowledge of healthcare digital transformation, interoperability, and healthcare standards such as HL7, FHIR, DICOM etc.
- Have experience building and deploying machine learning solutions. Whilst we don't require a mathematician, you should have a good understanding of different approaches to machine learning, and the steps involved in deploying these solutions.
- A desire to be a key part of the leadership team of an ambitious startup aiming to have a global impact on how millions of people with cancer are treated.

Contact us

If you are interested, please get in touch with our CEO, Piers Kotting via [LinkedIn](https://www.linkedin.com/in/piers-kotting-69960839/) at <https://www.linkedin.com/in/piers-kotting-69960839/>