

31 January 2022

Quro Medical Opportunity: Software Developer

We are looking for a full stack developer to join our team. As part of Quro, you would work on exciting projects that combine the use of cutting-edge wearables with machine learning methods to address one of the most pressing challenges of our time: access to quality healthcare.

Quro Medical is a digital health company using innovative technologies and analytics to deliver affordable, high-quality healthcare in emerging markets. We combine cutting-edge technologies with a strong personal touch to deliver unique healthcare solutions for our customers.

At Quro Medical we are re-imagining the future of healthcare, saving lives, and enhancing patient care. And since the coronavirus crisis, the need for our service is more urgent than ever. If you are looking for an opportunity to do essential work, alongside great people, we invite you to join us.

Key responsibilities

You would be responsible for developing and improving our existing tech stack. However, as an early hire, you would also have the opportunity to contribute substantially to the overall future of Quro Medical's tech platform.

More specific responsibilities include:

- Designing and managing systems that enable real-time communication between our fleet of mobile monitoring devices and our cloud.
- Ensuring integrity and quality of data received on our cloud platform.
- Contributing to front-end development of user-friendly, highly available interfaces that enable real-time visualization of data on our cloud platform.

Our current technologies

Our current tech stack enables the real-time capture and uploading of various patient vital signs data that is measured by several Bluetooth-enabled wearable devices.

We have several pipelines that curate the data and store in our NO-SQL database (document DB).

We have additionally developed front-end, doctor-facing infrastructure for visualizing this data as soon as it appears on our cloud and provide the doctor with insights about their patients' health and wellbeing.

- Our apps are available in the mobile Appstore's for quick access to our platform
- This stack is built using the following technologies:
 - We measure patient data using Android tech written in Kotlin.
 - Our cloud backend uses various AWS microservices created by IaC (Infrastructure as Code).
 - The UIs are written in Typescript and using the React framework.

Requirements

Overall, we seek a candidate who can demonstrate a deep passion for technology. How is very talented and masters' multiple languages and skills. We encourage that candidates provide concrete examples of projects they have worked on (e.g., a personal website or a GitHub page) as part of an application.

In addition, we require:

- Bachelor's Degree and strong overall background in Computer Science or a relevant engineering discipline
- Several years of relevant experience
- Strong proficiency in at least two of: JavaScript/Node.js/Typescript, React, Kotlin, Android development, Python
- Being a front-end wizard and pixel perfect genius. You know how to create great working front ends and flexible UIs on web and mobile.
- Competent using cloud infrastructure (preferable AWS)
- Proficient use of Git and DevOps tools like GitHub, DevOps or Jira.
- Solid understanding of REST APIs and backend integrations.

What we offer

Our tech team is one of the best in the country and we offer excellent opportunities for personal and professional development. We are a fast moving and growing company that is transforming healthcare within South Africa and beyond! This is your chance to be part of something meaningful with an enduring impact. We have an amazing organizational culture, have a flexible work from home policy, and we will provide you with the necessary tools of trade (e.g., MacBook Pro) to make sure you are as productive as possible.

If this is something you may be interested in, please send a copy of your CV and a short paragraph to info@quromedical.co.za with the title of Software Engineer January 2022.