

Software Engineer (Full Time)

99DOTS (Everwell Health Solutions Pvt. Ltd.)

Summary

Everwell develops technology to fight tuberculosis. Our internationally recognized technology, 99DOTS, is used in every state of India and touches thousands of lives every day. We are seeking motivated full-stack software engineers to support our scale-up across lakhs of patients in India and globally.

Organizational Background

Everwell Health Solutions is a Bangalore-based startup developing web and mobile technologies to modernize the way tuberculosis treatment is managed in India and worldwide. Our work has been recognized and praised by [Bill Gates](#) and [Satya Nadella](#) (CEO of Microsoft) as one of the most innovative technologies for social good. As a spin-out company from Microsoft Research India, Everwell boasts a world-class team from Harvard, MIT, Cambridge, BITS, and IIT with a history of collaborations developing technology to address issues in health, education, agriculture, and citizen journalism. Because our technology is seen as one of the most promising technologies in global health today, we have received support from top donor agencies including the Gates Foundation, USAID, DFID, and more to expand our operations throughout India and the rest of the world.

Project and Role Background

99DOTS is an innovative solution to give health providers a remote and real-time monitor of when their patients take tuberculosis medication. A sheet of pills is wrapped in a special 99DOTS envelope, and pills are dispensed through perforated flaps on the envelope. Each day, when a patient dispenses their medication they reveal a random toll-free number on the back of the perforated flap. Once a patient gives a free call to this number, the 99DOTS system marks the patient as adherent for the day only if the correct number is called. Failure to call triggers alerts and notifications to care providers for immediate counseling and follow-up. See more details at <https://www.99dots.org>.

99DOTS biggest deployment is in the Indian public health system, where we are currently enrolling patients at a rate of 300,000 patients per year, and looking to further grow next year. We also have private sector pilots in multiple states in India, as well as international pilots in Myanmar. As we have received strong international interest, 99DOTS will be scaling up globally in the next couple years.

We are looking for highly motivated full-stack software engineers to join our core team and play a leading role in building our web and mobile technologies. As part of a small team, every engineer owns significant parts of the technology that touches lakhs of lives across the world. Every Everwell engineer speaks with end users directly, proposes and designs new features, deploys code to production, and thus sees the immediate impact of their work. This is a rare opportunity to join a rapidly growing startup, work with a talented team, and take part in one of the most exciting technologies in social good and global health today.

Role Responsibilities

The person hired for this role will be responsible for development across the full stack to build out the 99DOTS web and mobile dashboard and other core offerings. This includes:

- Adding features in our web dashboard and Android app to support our existing and future deployments across a wide spectrum of treatment settings in India and other countries.
- Making the overall platform more robust and scalable to support our growing user base.
- Helping rearchitect the technology for international deployments and applications to other diseases.
- Working with different stakeholders to allow integration with other patient tracking systems (e.g. government's official solution called Nikshay).

Qualifications

- BS degree in Computer Science, similar technical field of study or equivalent practical experience.
- Exceptional software development skills.
- Willingness to work across the stack for web/mobile development and quick to learn new technologies.
- Minimum 1-2 years of prior experience in building scalable web/mobile solutions.
- Experience with .NET stack and Microsoft technologies is a positive – though not required.
- Experience with mobile development (Android) is a plus.
- Outstanding communication skills to interact within the team as well as with outside stakeholders from time to time.

Compensation

Commensurate with experience and extremely competitive to the market.

Interested applicants should write to nakull@99dots.org, to describe their qualifications and interest in the role, with CV attached. Position is to be filled immediately.