



Systems Developer, CycleTel™, India

Are you passionate about using technology to create social impact? Do you operate well in start-up environments, building new ideas and strategies from scratch? Do you want to be part of a social enterprise that is positioned to change lives in India? This is your chance to join and shape a fast growing, mobile health (mHealth) service at a critical inflection point.

CycleTel™ is an mHealth innovation, developed and tested in India, that is positioned to be the first ever family planning method offered via SMS. No doctors, no visits to the health clinic—CycleTel puts family planning knowledge and use in the hands of couples, on their mobile devices. Based on the Standard Days Method® (SDM) of family planning, the service has the potential to aid millions of women in India who have access to a mobile phone.

CycleTel seeks a passionate and skilled developer to lead development and administration of our SMS-based solution in India. The candidate will have an exceptional track record in software, preferably with experience in building and maintaining mobile systems services in India.

CycleTel is an initiative developed and incubated by Georgetown University's Institute for Reproductive Health (IRH) in Washington, DC. IRH works to reduce unmet need for family planning by increasing fertility awareness and expanding access to family planning methods.

POSITION SUMMARY

As a Systems Developer, you will help us improve, deploy and maintain our SMS-based solution. You will help us expand our reach within India and globally by adding multi-language support to our existing English/ Hinglish-based code. You will also help us expand by leading the development and integration of our application with technical partners. The System Developer will be part of the CycleTel team in India, and work in a focused team, reporting to our India CycleTel Manager, based in Delhi.

ESSENTIAL FUNCTIONS

Develop, maintain and test our technology solution in India and worldwide, ensuring that CycleTel remains and continues to grow as a high quality and reliable service

- Develop features for our existing CycleTel solution with focus on improving user interface and experience, and adding customer engagement features
- Monitor the health of our application and ensure that it is fully operational at all times
- Troubleshoot any defects in the application and providing Level 3 production support to existing CycleTel users
- Lead the deployment and roll-out of the application to support CycleTel's expansion to additional countries
- Integrate our solution with our partners' technologies to expand our reach, providing strategic guidance on technology and partnership options, as needed
- Maintain customer and business electronic dashboards

QUALIFICATIONS

You are a technical developer, with...

- 3+ years of experience, including analysis, design, coding, implementation and maintenance of web or network applications
- Extensive experience in development or support for SMS-based / USSD or interactive messaging applications
- Knowledge of test-driven development; unit testing frameworks is a plus
- Experience with application design and development for networked Linux platforms
- Experience working with localization of an English-based software solution to non-Latin languages such as Hindi
- Familiarity with interfacing software with third party web platforms and APIs

Our solution uses the following tools, and successful candidates will have experience in these or similar:

- Python
- Django web development framework
- MySQL
- Linux
- Puppet
- Git
- Jmeter and Nagios

You are experienced in working with products that improve lives and create social impact, with....

- Passion for bringing life-changing and life-savings products, services, and information to customers who need those the most, at an affordable price point.
- Proven experience or interest in working with hard-to-reach markets and “push” products, preferably in health.

You are a self-starter and problem-solver, with....

- Experience working in a start-up environment, executing on technical strategies with limited data and resources. Must be able to think creatively and operate nimbly.
- Integrity, passion, and a positive attitude.

You are a strong communicator, with...

- Excellent communication skills in English; written/spoken fluency in Hindi required.
- Public relations, interpersonal skills and a deep sense of collegiality.
- Deep understanding of the CycleTel value proposition and ability to convey that to customers and partners.

Your education, professional network, and industry expertise includes...

- B.Tech in Computer Science from reputed college
- A history of engagement with the technical community, particularly in Python or mhealth
- Knowledge of social innovation, mobile for development, family planning, and women’s health issues is a plus.
- Mobile VAS industry knowledge a definite plus

Location: Delhi, India.

Reports to: Managing Director, India

How to Apply: Please send cover letter and CV to the CycleTel team at charu.chadha.irh@gmail.com, no later than **Wednesday, July 28th** with the subject line “CycleTel Systems Developer Application”. Candidates will be contacted for interviews on a rolling basis. Please apply early.