IntraHealth International Inc.

Scope of Work

Position Title: Senior Open Source Developer
Location: Preferably Patna (Bihar)

Work Summary

The Department of Health, Government of Bihar and the Department of Health Family Welfare, Government of Jharkhand are working towards strengthening their Health Human Resources Information System (HRIS) in order to improve HR planning and management.

The individual will work with the IT team of Department of Health (DoH) and the State Health Society, Bihar (SHSB) and Department of Health & Family Welfare (DHFW), Government of Jharkhand to customise, if required, the open source application used for building the Human Resources Information System (HRIS) for health.

The individual will coordinate with the HRIS team of IntraHealth in Delhi/USA to learn and understand about the iHRIS Manage software code and technical specifications. Duties may include installing software on servers, programming reports, adding features and documenting code. The individual will execute need based program customizations of the iHRIS Manage installation for the DoH/SHSB and the DHFW, Government of Jharkhand.

Key Responsibilities

The individual is responsible to:
- Analyse application availability issues and implement solutions
- Conduct detailed software requirement study to identify priority emerging needs
- Collaborate with the core HRIS software development team of IntraHealth to develop new modules/features, reports, and customizations (as approved by the Government based on the requirement study) for the iHRIS Manage software using open source technologies including PHP , Linux, HTML, CSS, XML, MySQL, Ubantu and Javascript Collaborate with IntraHealth, HISP India, SHSB and DHFW, Jharkhand team to implement solutions aimed at improving application availability and server performance
- Expert knowledge of networking technologies, Server and Hardware from the programmers prospective.
- Administer iHRIS Manage installation including initial install, set-up, management of data entrants, and end-user training
- Work with State IT teams to write software use cases and feature specifications
- Write, update, and organize technical documentation about the iHRIS Manage software
- Contribute to collaborative team documents
- Ability to identify tasks which require automation and automate them.

Position Requirements

Educational qualification:

- Master's degree in Computer Applications or B.Tech (Computer Science), related degree, or an equivalent combination of education and experience

Competencies

- 10-12 years of experience in software development and deployment
- Experience with health systems strengthening and/or health informatics activitie*s*
- Experience working with Open Source software, wiki technology, and Launchpad, and experience working with Open Source development teams
- Demonstrated knowledge of PHP, Linux (Ubuntu), HTML, CSS, XML, MySQL and Javascript.
- Demonstrated knowledge of technology training and usability practices for groups and individuals
- A solid understanding of networking/distributed computing environment concepts.
- Expert understanding the principles of routing, client/server programming.
- Expert knowledge of data structures.
- Expert knowledge of maintaining and debugging live software systems.
- Expert knowledge of writing program documentation.
- Experience and ability to instruct co-workers.
- Excellent oral and written communication skills in English and Hindi

Capabilities:

- Successful experience working with international agencies
- Proven ability to work collaboratively with diverse groups and as part of a team
- Strong problem solving skills

Capacities:

- Ability to conceptualize and design technical assistance efforts and tools
- Good knowledge of security and encryption.
- Ability to determine whether a particular problem is caused by hardware, operating systems software, application programs, or network failures.
- Ability to work and achieve results in challenging environment
- Adaptability and ability to cope well with change
- Ability to turn challenges into opportunities

To apply, please write to jobsindia@intrahealth.org and mention that you are applying for the post of **'Senior Open Source Developer' in Patna**. *The deadline for receipt of the application is* **February 10, 2013.**