



# Partners In Health

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**Title:** Electronic Medical Records Java Developer  
**Reports to:** Rwanda EMR Director  
**Location:** Rwinkwavu, Rwanda

## **Organizational Profile:**

Partners In Health (PIH) is a non-profit corporation based in Boston, Massachusetts, whose mission is to provide a preferential option for the poor in health care. Through service delivery, training, research, and advocacy, PIH works globally to bring the benefits of modern science to those in most in need, and to serve as an antidote to despair. PIH currently has programs in Haiti, Peru, Guatemala, Mexico, Russia, Rwanda, Lesotho, Malawi and Boston.

PIH is one of the two founding organizations of the OpenMRS open source electronic medical record system.

## **Overall Responsibilities:**

We are looking for a full-time J2EE developer to join the team in Rwanda on development and support of our open source Electronic Medical Record systems. The OpenMRS system is currently used in 12 PIH-supported health centers in Rwanda, and is slated for national implementation. This person will be working in a complex and fast-paced environment with an experienced technical team, as well as clinical, data entry and research teams in Rwanda. This job combines the cutting edge of medical informatics work in a developing country, with the emotional rewards of seeing this work help people in a very direct way.

## **Primary Responsibilities:**

- Design, develop, and support new features based on needs identified by the project.
- Bug fixes and improvements to existing features.
- Work with the Rwanda Ministry of Health and other Rwanda-based organizations at a national level on supporting software development, or standards for EMR systems where required.
- Mentor less experienced programming staff to undertake projects of increasing complexity and to work with autonomy over time.
- Support clinical teams in improving tools to document and present patient-level data.
- Provide reporting tools for project monitoring and quality improvement.
- Support research teams by querying and exporting data for academic publications.
- Contribute modules and patches to the OpenMRS open source project.

## **Qualifications:**

- 2+ years experience J2EE web application development.
- Demonstrated ability with software development in Java.
- Knowledge and experience in several of the following areas:
  - OpenMRS or other medical software.
  - Spring, Hibernate, MySQL, Tomcat, Eclipse, Linux.
  - UI development skills including AJAX, JQuery, or other technologies.

- Test-Driven Development or Behavior-Driven Development.
  - Design patterns and best practices.
- Strong communication and organizational skills. and ability to work independently.
- Comfortable with living in resource-poor settings.
- A commitment to social justice and health care.

*To apply, please submit a cover letter and resume to [hr@pih.org](mailto:hr@pih.org).*