

## JOB DESCRIPTION

Job title:	Senior Application Developer	Location:	Phnom Penh
Department:	Technical	Report to:	Data Manager

### **Job purpose**

The role of the Senior Application Developer is to support the on-going design, development and integration of the Malaria Information System (MIS) in malaria surveillance, monitoring and evaluation systems. In particular, this role will provide support to develop the core malaria database modules and web platform, in addition to any mobile-based applications if need.

### **Scope of work**

1. Design and develop Malaria Information System (MIS) follow Data Manager's requirement
2. Monitor and maintain the database of Malaria Information System (MIS)
3. Regularly back up the database of Malaria Information System (MIS)
4. Make sure Malaria Information System (MIS) runs smoothly
5. Understand the structure of Cambodian health facilities
6. Support and guide OD staffs, PHD staffs and CNM staffs to use the MIS properly and solve their MIS data problem
7. Generate reports or raw data follow Data Manager's requirement
8. Assist Data Manager and MIS team

### **Qualifications and experience:**

#### ***Essential:***

- Bachelor's / Master's degree in programming, computer science or similar
- Experience in programming at least 5 Years
- Strong understanding in relational database design of Microsoft SQL Server, Microsoft Access and MySQL
- Expert knowledge of server side language: PHP, C# and ASP.net
- Very good knowledge of software architecture like MVC (model-view-controller)
- Very good knowledge at client side technologies like HTML, CSS, CSS Bootstrap, JavaScript and JavaScript Libraries
- Experience in developing web applications for large-scale production use
- Fluency in Khmer and English

#### ***Desirable:***

- Experience in Google Map API
- Experience of designing new technological solutions and integrating with existing systems
- Experience of working in a capacity development / training role
- Experience or interest in malaria or public health / using technology to improve social conditions
- Maintain required levels of confidentiality

### **Work-based skills:**

- Enthusiasm to work in a government department
- Able to work as part of a team as well as independently
- Commitment to working with CNM