

Job Description

Duty station: Addis Ababa

Position Summary:

The Software developer will work with the project stakeholders and end users to undertake development/enhancement of SmartCare-ART, SmartCare-PMTCT, SmartCare-TB, and improvement of SmartCare-Full in a way as to produce the currently needed reports. He/she will also support the system to exchange data with DHIS2 and Viral load dashboard. The Software Engineer, in consultation with the Lead and Senior Software Engineers is responsible for software design, including the development of architectural designs and documents (e.g., flowcharts, layouts and diagrams) and communicate solutions for the existing systems and/or new selections. The Software Engineer will also provide technical support regarding software development and updates, implementation, maintenance and capacity building activities among all supported project sites. He/she will be responsible for testing and installing software solutions.

Duties and Responsibilities:

- Analyse detailed customer requirements and coming up with a solid systems architecture and design including participation in development of a thorough functional requirements document
- Determine operational feasibility by evaluating analysis, problem definition, requirements, solution development and proposed solutions
- Provide technical support regarding software development and updates, implementation, maintenance and capacity building activities among all supported project sites.
- Undertake stress, performance, functional, scalability testing of the system
- writing and executing test scripts, running manual and automated tests, testing in different environments
- Prepare and install solutions by determining and designing system specifications, standards and programming
- Prepare reports, manuals and other documentation on the status, operation and maintenance of software
- Develop a system for data migration from the old to the newly developed system and support the process of data migration
- Identify any gaps between system requirements or end-user needs and the existing systems and provide support to enhance the system accordingly
- Develop and refine integration between applications
- Support, version tracking, packaging application software and support releases of final product
- Research and evaluate a variety of eHealth application software products
- Collect user feedbacks and timely address through enhancing the system

- Work collaboratively with FMOH, RHBs, facilities, funder, and other stakeholders to achieve goals
- Complete performance reports regularly
- Carry out other tasks as required

QUALIFICATION AND WORK EXPERIENCE

- B.Sc. degree in software engineering, software development, or appropriate field of study and more than 3 years of experience in software and systems design.
- Strong experience in software systems architecture and design
- Strong experience in software development of desktop and web-based systems including development experience in .NET C#, ASP.net, Java, Java-script, HTML5, Angular.js, CSS, Bootstrap
- Strong experience in database design and development
- Strong experience in writing optimized SQL queries (multiple select statements, using temporary tables, several inner joins, etc.), stored procedures, functions, triggers
- Experience in both relational and non-relational databases
- Strong experience using Integrated Development Environments (IDEs) including Visual Studio, Eclipse, Net beans, etc.
- Experience working within a large team using source code control tools (TFS, GitHub, etc.)
- Ability to work with customers/benefitters/domain specialists to define and execute on functional requirements
- Experience working in health-related software