



Position Title: Software and System Supervisor

Reports To: IT Manager

Supervises: Systems and Software Developer Team

Contract Type: Full-Time

Job Location: Dar Es Salaam

Travel: Up To 20% in Intervention Districts Outside Of Job Location

Overall Job Function:

Software and System Supervisor is generally responsible for the development, design and implementation of new or modified software products or ongoing business projects. Software and System Developer must be conversant with popular web development technologies including language and frameworks including but not limited to PHP, JavaScript, popular web development frameworks, database technologies (MySQL, PostgreSQL etc.), NGINX web Server, and version control tools (e.g. GitHub).

Overall Job Function:

- Ensure that all information systems incorporate mechanisms to improve the completeness, timeliness, and accuracy of data
- Develop, record and maintain cutting edge web-based PHP applications
- Build innovative, state-of-the-art applications and ensure HTML, CSS, and shared JavaScript is valid and consistent across applications
- Prepare and maintain all applications utilizing standard development tools
- Lead the entire web application development life cycle right from concept stage to delivery and post launch support
- Convey effectively with all task progress, evaluations, suggestions, schedules along with technical and process issues
- Document the development process, architecture, and standard components
- Coordinate with co-developers and keeps project manager well informed of the status of development effort and serves as liaison between development staff and project manager
- Builds the capacity of key programs staff on technical knowledge of running and maintaining developed web application and related technologies.
- Keep abreast of new trends and best practices in web development
- Develop or direct software system testing or validation procedures.
- Supervises team of web and mobile software developers

Required Qualifications, Knowledge, and Skills:

- Bachelor's Degree in computer science or Computer Software Engineering
- Knowledge of Software Programming and Development
- 5 years of experience in software and system design and development



- Previous working experience as a PHP / Laravel developer for 3 years
- In depth knowledge of object-oriented PHP and Laravel 5 PHP Framework
- Hands on experience with SQL schema design, SOLID principles, REST API design
- PostgreSQL query optimization
- Hands on experience with Version control services (e.g. GitHub)
- Working experience in Red Hat Linux systems installation, operations, and maintenance
- Creative and efficient problem solver
- Good communication skills – both written and verbal