SOFTWARE ENGINEER VACANCY

Baobab Health Trust would like to engage the services of a highly motivated, talented and competent individual to fill the position of **Software Engineer** to be based in Lilongwe.

Overview of the Position:

The incumbent will mainly be responsible for developing, supporting and maintaining features and software of new and existing electronic systems in line with Project objectives. The incumbent will implement software specifications through following best practices, he/she will build tests to ensure specification completeness and will document the code. The incumbent will report to the Lead Software Engineer.

Roles and responsibilities:

- Developing software applications with reference to provided requirements/user stories, design and architectural documents.
- Writing unit tests for applications using the platform provided.
- Work with teammates in resolving application problems.
- Package and support handover of releases.
- Participate in daily scrum and sprint planning and review meetings.
- Participate in peer code reviews to ensure collective code ownership.
- Work closely with other project coordination team to ensure work is carried out according to specifications/user stories in the backlog and defined timelines.
- Ensure continuous code integration and testing
- Ensure code is controlled according to the source control strategy.

Education and Experience:

- Bachelor of Science degree in Computer Science, Information Systems, Information Technology, Computer Engineering, Mathematical Sciences or any relevant qualification.
- Other similar qualifications should be backed with proof of Software development experience.

- Knowledge and potential to learn Health Information Systems technologies such as DHIS2, OpenMRS, OpenHIE and software interoperability and data sharing protocols/standards including SOAP, HL7, XML, SDMX, among others will be an added advantage.
- Knowledge and experience with the software development life-cycle. A good understanding of networking will be a plus.

Skills and Competencies:

- Ability to work with Modern JavaScript (ES6), both on the back-end (with Node JS) and the front-end (with any of React JS, Vue JS or Angular JS), JavaScript testing libraries (such as Mocha and Chai) as well as NoSQL Database Systems (such as CouchDB, ElasticSearch and MongoDB).
- Knowledge of Ruby on Rails will be an added advantage.
- Experience with DevOps technologies such as Docker (Deployment), Travis CI, Jenkins/Circle CI, ZeroMQ (Messaging) and Nginx (Load Balancing) will be an added advantage.
- The position requires demonstrated excellent interpersonal and communication skills.
- Ability to quickly grasp new concepts and trends in Software Development
- Ability to plan and provide estimates for concluding a minimal set of functionality.
- Ability to design and implement efficient algorithms and data structures.
- Ability to multitask, independent, mature and capable to work under time-pressure.
- Demonstrated excellent interpersonal skills.
- Ability to read and interpret software specifications.

If you meet the above requirements, please send your email address to: hr@bht-mw.org.

Applications received later than 3rd January 2020 will not be considered. Only shortlisted candidates will be acknowledged.

<p align="center">"Baobab Health Trust is an Equal Opportunities Employer"</p>