

Daud KAKUMIRIZI

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Address: Kampala-Uganda

Time Zone: EAT



Work experience

[Mekom Solutions](#) (Singapore)

Mar 2023 — Present

Contract: Consultant, Software Developer, QA Engineer & Implementer

- ❖ [Cambodia EMR](#) development and implementation
- ❖ [Ozone HIS](#) development
- ❖ Developing a quality assurance [test suite](#) for Ozone Pro and FOSS projects
- ❖ Developing a quality assurance [test suite](#) for Ozone Distro Cambodia project
- ❖ Providing technical support to clients for Ozone Distro Cambodia project
- ❖ Conducting weekly QA across projects; Ozone FOSS, Ozone Pro, and Ozone Distro Cambodia

Open source experience: [OpenMRS](#) (USA)

Aug 2017 — Present

OpenMRS

Dec 2022 — Feb 2023

Voluntary: OpenMRS Platform 2.6.0 Release team member

- ❖ Supporting the release process of [Platform 2.6.0](#)
- ❖ Supporting the release process of [Reference Application 2.13.0](#)

OpenMRS

Apr 2022 — Sept 2022

[Backend Development Fellow](#)

Part time Contract: Backend fellow

- ❖ Supporting backend development
- ❖ Developing Rest API calls
- ❖ Developing FHIR resources to support Ethiopia migration of data from [SmartCare ET → OpenMRS DB](#)
- ❖ [Mapping episode of care to patient program](#)
- ❖ Developing REST API endpoint to support requesting multiple concepts in web-services

OpenMRS

Jan 2022 — Present

Volunteer

- ❖ GSoC Admin
- ❖ dev/3 (Maintainer of [openmrs-contrib-qaframework](#))
- ❖ Mentoring OpenMRS contributors for qaframework
- ❖ Qa core team member
- ❖ Platform team member
- ❖ O3 Squad member

OpenMRS

Apr 2021 — Mar 2022

[QA Fellow](#)

Part time Engagement: QA Test Engineer

- ❖ Developing OpenMRS community [QaFramework](#) module for Reference Application 2.x ([OpenMRS 2](#))
- ❖ Co-ordinating, reviewing etc community feedback
- ❖ Contributions mentoring Quality assurance team
- ❖ Leading Quality assurance team calls
- ❖ Attending project management calls
- ❖ Contributing to the technical documentation of [QaFramework](#) and an overview of [QA Support Team](#)
- ❖ Developing a technical workflow [demo](#) to aid QA team members learn and adopt the qaframework
- ❖ Committing code on [qaframework](#), [webservice-rest-module](#), [openmrs-distro-referenceapplication](#)
- ❖ Compiling fellowship [final video presentation](#)
- ❖ Compiling fellowship tasks at <https://kdaud.com>

[Palladium](#) (Kenya)

Sept 2021 — Nov 2021

Contract: Consultant and QA Engineer (Palladium)

Part time Engagement: QA Test Engineer

- ❖ Training the palladium QA dev team how to develop automated scripts using Cucumber framework with selenium and cypress
- ❖ Setting up a quality assurance framework for Palladium projects
- ❖ Providing technical guidance to QA dev team for Palladium

OpenMRS

Oct 2019 — Jan 2020

Google Code-in mentor

Part time Engagement: QA Mentor

- ❖ Creating tasks for the students
- ❖ Reviewing students work and providing constructive feedback on their work

- ❖ Student's project mentorship

OpenMRS

Aug 2019 — Present

Volunteer: OpenMRS Guide

- ❖ Remotely collaborate with contributors world wide to get them started with openmrs
- ❖ Pair programming on some tasks
- ❖ Responding to help-desk's issues from contributors starting with OpenMRS
- ❖ Mentoring newbies starting with openmrs.
- ❖ Helping people on talk on issues related to openmrs development

Google (USA)

Oct 2019 — Present

GSoC and GCI

- ❖ Google Code-in (GCI) [mentor 2019 \(No.18\)](#)
- ❖ Project Administrator: Google Summer of Code
 - Being OpenMRS's contact person with GSoC
 - Students and mentor's administration
 - Monitoring weekly contributors reports for their projects
 - Monitoring midterm evaluations and final evaluations during GSoC program

Conferences & Presentations

- ❖ Attending the mini OpenMRS online implementor's conference conducted in April 2022
- ❖ Attending the OpenMRS online implementor's conference conducted in December 2021
- ❖ Attending and presenting a [demo](#) at the mini OpenMRS online implementer's conferences conducted in July 2021
- ❖ Attending and presenting a [demo](#) at the mini OpenMRS online implementer's conferences conducted in April 2021
- ❖ Attending OpenMRS implementer's online conference 2020

Qualifications

Graduate, [Bachelor of Science in Software Engineering & Application Development](#) (1st Class)

Education

Bachelor of Science in Software

Aug 2017 — Mar 2021

Engineering & Application Development

Bugema University, Uganda, East Africa

❖ First class graduate

Upper & Lower Secondary/College Studies

Jan 2006 — Dec 2011

- ❖ Examination For The Uganda Advanced Certificate of Education - U.A.C.E Result 5, Majored in Physics, Maths, Economics and Entrepreneurship
Jan 2010 — Dec 2011
- ❖ Examination For The Uganda Certificate of Education - U.C.E Result 2,
Jan 2006 — Dec 2009

Google Certifications

- ❖ Google Code in mentor's [certificate](#) (2019)
- ❖ Google Summer of Code Organisation Administrator's [certificate](#) (2022)

CCNA Certifications

- ❖ CCNA Routing and Switching
- ❖ CCNA Cybersecurity Operations:
- ❖ CCNA IoT Essentials
- ❖ CCNA IT Essentials
- ❖ NDG Linux Essentials

Proficiencies

Frameworks and Libraries : Cucumber selenium/cypress framework, Playwright, J2EE, Spring MVC Framework, Hibernate, JUnit, JDBC, React library(currently learning react library), Jmeter, Gherkin tech, BDD testing framework

Application Servers: Apache Tomcat

Content Management Systems: medium, wordpress

Issue tracking Systems: JIRA, Bitbucket

Continuous Integration: Bamboo, Jenkins

Version Control Systems: Git

Testing frameworks: Playwright, Selenium, Cypress, Cucumber

Collaborative Tools: Email, OpenMRS talk, Mailing lists, HipChat, UberConference, Google Hangouts, slack, Github, Gitlab, Bitbucket, Google meet.

Operating Systems: GNU/Linux (Centos, ubuntu, mint), Windows os

Software Engineering: Object Oriented programming, UML, Unit Testing, Integration Testing, manual/automated testing, Continuous Integration.

Spoken Languages: English (fluent), Luganda (mother tongue), Swahili (very basic)

Personal Qualities:

- ❖ Highly motivated, positive, oratorical, committed, enthusiastic, confidential, honest, principled, persistent and organized
- ❖ Good analytical approach of viewing subjects.
- ❖ Good in writing and public speaking.
- ❖ Working within a stipulated timeline and taking up robust research doing whatever it may take me to finish tasks within the timeline.
- ❖ Improving randomly in mentoring skills.
- ❖ Willingness and ability to quickly learn new technologies whenever needed.
- ❖ Values principle, acts in it's line and values perfect christian Biblical virtues

Interests

Spiritual engagements/Missionary work aka ministry, Programming, automation, Riding, Reading/Research

References

Mr. Kayiwa Daniel, OpenMRS' Senior Full Stack Developer
Email: dkayiwa@openmrs.org

Mrs. Jennifer Antillar, OpenMRS Director of community
Email: jennifer@openmrs.org

Stephanie Taylor, Google Code In Manager
Email: sttaylor@google.com

Mrs Grace Potma, OpenMRS Director of Product
Email: grace@openmrs.org

Mrs Christine Gichuki, Global Event and QA Lead Manager
Email: christine@openmrs.org

Endorsements

GCI-2019 mentee, OpenMRS Community Contester's [remark](#);

“The mentors of OpenMRS helped me to improve my skills. Especially, Kdaud, he is the champion. He gave me awesome suggestions during this period. I'd like to thank him”

Grace Potma, OpenMRS Director of Product(via OpenMRS talk forum);

“I have the honor of sharing this story, but I'd like to point out that this was made possible thanks to the vision and efforts from [@k.joseph](#), [@christine](#), [@dkayiwa](#), [@kdaud](#), [@sharif](#), and many more folks involved in our community's [QA Support Team](#).” More details at <https://talk.openmrs.org/t/recent-qa-automation-success-story/37064>