DEBORAH UWIMBABAZI, MS, CTFL, CTFL-PT

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SOFTWARE QA TESTER

Automated Test Systems ❖ *Quality Methodologies* ❖ *QA Team Leadership*

❖ **Software QA tester** with full system development lifecycle experience, including designing, developing and implementing test plans, test cases and test processes fueling swift corrective actions, significant cost savings and fault-free audits.

❖ **Hands-on technology professional** accustomed to working in complex, project-based environments. Multifaceted experience in QA software testing, software development and user-acceptance testing.

❖ **Backed by strong credentials** including an Electronics and Communication Engineering master's degree, CTFL (Certified Tester Foundation Level), CTFL-PT (Certified Tester Foundation Level – Performance Testing), & CTAL-TA (Certified Tester Advanced Level – Test Analyst) ISTQB certifications; Project Management Foundations & Agile Project Management with Jira Cloud certificates; an automated software testing with cypress certification and agile methodologies and monitoring tools.

Skills Summary

❖ SQA Testing & Methodologies
❖ Test Plans, Cases & Processes
❖ Functional Requirements
❖ Scripting & Documentation
❖ Data analysis and data analytics skills

❖ Regression & Negative Testing
❖ UI & Compatibility Testing
❖ Data Interface & Migration Testing
❖ Performance, Load & Stress Testing

❖ Testing Automation
❖ Defect & Bug Tracking
❖ Test Strategies & Coverages
❖ QA & QC Standards

Professional Experience

HEALTH BUILDERS — Kigali, Rwanda
A non-profit organization which aims at strengthening primary health care in Rwanda
Software Project Manager | GHC Fellow, July 2021 to Present

I am responsible for conducting a review of Health Builders M&E (Monitoring & Evaluation) system and performing requirements analysis, participating in digitizing existing monitoring and evaluation tools by building its web and mobile applications. I am also responsible for conducting quality assurance tests on that digitized M&E tool both on its web and mobile versions by applying different types of tests like functional testing, performance testing, usability testing, and regression testing to make sure that they are working as expected. Furthermore, I am responsible for assisting in performing health centers performance assessments, analyzing and visualizing data, and making final reports. ***Results:***

❖ **Created a web application** for monitoring and evaluation process which helped the organization to shift from paper based to the digitized one.
❖ **Created its mobile version** with a feature of offline functionality which will help workers to still use the app in remote areas where internet connection is low or absent at all.
❖ **Created a Leave Management software tool**, which helped internal organizations in requesting and approving annual/sick/maternity leave days. This helped HR in managing how employees are requesting their leave days, calculate how many days they have and solved the problem using papers in asking leaves.

MURAHO TECHNOLOGY LTD — Kigali, Rwanda
A private company that provides software testing services in Rwanda
QA Test Lead, July 2020 to July 2021
I was responsible for overseeing quality-assurance testing and supervising a 4-member software QA testing team in developing and implementing quality-assurance and quality-control methodologies. Ensure compliance with QA standards, and customer specifications. ***Results:***

- ❖ **Created and executed automated software test plans, test cases and scripts** to uncover, identify and document software problems and their causes. Led QA testing that prevented hundreds of thousands of dollars in erroneous charges to our clients by identifying software bugs in their systems.
- ❖ **Designed a way** of documenting test defects and procedures to enable accurate replication and ensure compliance with standards. Accelerated average QA testing turn-around time by 20% or more, allowing our company to accept more testing projects without increasing staff.
- ❖ **Delivered thorough QA testing reports** that determined product quality and release readiness.
- ❖ **Won our customer's satisfaction** which made our company to stand out to be the best company delivering testing services in Rwanda and this led to more clients, more projects and increased company reputation.

MURAHO TECHNOLOGY LTD — Kigali, Rwanda
A private company that provides software testing services in Rwanda
QA Software Test Engineer, March 2019 to July 2020
I was responsible for performing requirements analysis for Web based applications and web services and wrote Test Plans, designing functional test cases and executed them, carrying out different types of tests such as unit, system, performance, load, regression, stress and data interface testing. Provided client developer teams with detailed reports on quality metrics, identified bugs/flaws and recommended fixes. ***Results:***

- ❖ **Designed and implemented automated testing tools and programs** addressing areas including database impacts, software scenarios, regression testing, negative testing, error/bug retests and usability.

- ❖ **Documented software defects using bug-tracking system (JIRA)** and reported defects involving program functionality, output, and content to software developers.

Education & Credentials

BEIJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS — Beijing, China
Master's Degree in Electronics and Communication Engineering
Sept 2016 - July 2018

UR - COLLEGE OF SCIENCE AND TECHNOLOGY — Kigali, Rwanda
BS in Electronics and Telecommunication Engineering
Nov 2013 - July 2016

Certifications

- ❖ ASTQB Certified Tester Foundation Level (CTFL)
- ❖ ASTQB Certified Tester, Foundation Level Performance Testing (CTFL-PT)

- ❖ [Certified ISTQB Test Analyst Advanced Level](#)
- ❖ [Scrum Product Owner Certified (SPOC)](#)
- ❖ [Automated Software Testing with Cypress](#)
- ❖ [Project Management Foundations](#)
- ❖ [Agile Project Management with Jira Cloud: 1 Projects, Boards and issues](#)
- ❖ [Agile Project Management with Jira Cloud: 2 Lean and agile processes](#)
- ❖ [Software Process and Agile Practices](#)
- ❖ [JavaScript Full Stack Web development bootcamp](#)
- ❖ [Python and Django Full Stack Web Development Bootcamp](#)
- ❖ [The Ultimate MySQL Bootcamp](#)

Professional Skills

- ❖ Leadership
- ❖ Project management
- ❖ Planning and organization
- ❖ Critical Thinking
- ❖ Fast learner
- ❖ Creative
- ❖ Ability to prioritize
- ❖ Problem solving
- ❖ Attention to detail
- ❖ Adaptability
- ❖ Team player
- ❖ Ownership
- ❖ Natural communicator
- ❖ Detail oriented

Technical Skills

- ❖ Java & JavaScript
- ❖ Python
- ❖ Kotlin
- ❖ HTML & CSS
- ❖ MySql
- ❖ PHP

Automation Testing Tools

CI/CD tools: Jenkins & Docker
Cypress
Ruby
Katalon studio
Postman
K6

- ❖ Selenium IDE & webdriver
- ❖ TestNG
- ❖ BDD - Cucumber
- ❖ Appium studio
- ❖ Android studio
- ❖ JMeter

References

- ❖ Jean Rene Shema (Global Health Corps, Director of Strategic Partnerships & Rwanda Country Director)
  - ● Email: shema@ghcorps.org
  - ● Tel: (+250)788302339
- ❖ Michel Musirikare (Health Builders, Executive Director)
  - ● Email:michel@healthbuilders.org
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- ❖ Ishimwe Jean De Dieu (Babyl Rwanda, Operations Quality Lead)
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