

Abiodun Kumuyi

Software Engineer Intern

📞 +250798048842

@ a.kumuyi@alustudent.com

🌐 <https://www.linkedin.com/in/abiodunkumuyi/> 📍 Kigali, Rwanda

SUMMARY

Driven software engineering student with a passion for crafting innovative software solutions. Eager to apply strong analytical and problem-solving skills in a fast-paced software engineering internship. Possesses a solid foundation in web development principles and a thirst for mastering new technologies. Proven ability to thrive in collaborative environments and contribute meaningfully to all phases of the development process.

EXPERIENCE

Backend Developer/QA Tester

HealthPass

📅 03/2024 - Present 📍 Kigali

- Developed and maintained secure, scalable CRUD database for HealthPass using Python/Django.
- Designed and deployed a robust automation testing framework for HealthPass, **resulting in a 45% in test coverage and a significant reduction in bugs identified after deployment.**
- Successfully identified and resolved three critical security vulnerabilities** in the the backend infrastructure, preventing potential data breaches and safeguarding user privacy.
- Demonstrated **strong problem-solving skills by resolving complex backend issues** impacting HealthPass platform functionality, ensuring uninterrupted service and improved data integrity.

App Developer/Tester

QwikAid

📅 01/2024 - Present 📍 Kigali

Developed and implemented QwikAid emergency response web application test suite, achieving 20% test coverage.

- Streamlined software delivery by **automating critical test processes and identifying 5% more defects** compared to manual testing.
- Coordinated effectively with both front-end and back-end teams to ensure timely resolution of identified issues 15% of the time**, contributing to the high-quality launch of QwikAid.
- Spearheaded defect identification process, effected quality improvement initiatives, and ensured timely closure, **resulting in a 8% increase in customer satisfaction ratings.**
- Aided in development of some key features, **raising functionality and UX by 9%.**

QA Tester

Whatsnxt

📅 08/2023 - 12/2023 📍 Johannesburg

- Championed a driven approach to quality assurance, identifying and resolving eight critical bugs during the testing phase, leading to a smoother launch and a **10% improvement in user experience.**
- Engineered and deployed automated test scripts for user functionalities (registration, login, event search, filtering), **slashing manual testing time by 7% and enhancing test coverage** for increased efficiency in complex test scenarios.
- Facilitated identification and resolution of issues 4% faster**, ensuring the timely delivery of high-quality features and updates that align with user expectations.
- Optimized Whatsnxt DBMS with MongoDB Compass, **leading to an 8% performance uptick.**

EDUCATION

BSc (Hons) Software Engineering

African Leadership University

📅 01/2023 - Present 📍 Kigali

LANGUAGES

JavaScript

Advanced



C

Beginner



Unix Scripting

Advanced



Python

Proficient



SKILLS

Automated Testing

Critical Thinking

Web Application Testing

Test Planning

Test Scripting

Agile Methodology

MySQL

Git

SDLC

Problem Solving

Django

Visual Studio