

# PETER KIAMA WANGUI

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## Professional Profile

Enthusiastic problem solver with a proven track record of success in software development, leveraging various technologies to build bespoke, secure solutions.

Expert in PHP, Laravel, GoLang, version control (GIT), HTML5, CSS3, JavaScript, content management systems (WordPress, Joomla), SQL with database management and design, REST API design. Skilled in developing requirements specifications, user documentation and software testing. Strong written and verbal communication.

## Experience.

**SAWASAWA LIMITED**, Nairobi, Kenya.

**Role:** Software Engineer, (June 2020 - Present).

### *Tasks & Responsibilities.*

- Applications development, testing and deployment.
- Providing ongoing maintenance, support, and enhancements on existing systems and platforms.
- Database design and maintenance.
- Support and training - providing support and training to system users.
- Development of user and software documentation.
- System presentation and pitches to clients.
- Business Analysis.

### *Notable Accomplishments.*

- Delivered clean, efficient, and reusable code which attributed to over 91% success rate in software delivery to the client.
- Successfully contributed to the internal codebase by adding new features to existing modules as well as debugging, which improved the modules by around 7%.
- Led in-depth software scoping exercise (Business Analysis), reducing overhead project expenses by 15%
- Trained system users which resulted in over 95% adoption and effective use of the systems.

**Role:** Apprentice Software Engineer, (March 2020 - May 2020).

### *Tasks & Responsibilities.*

- Customer support (hosting and domains).
- Software Testing.
- Database design and maintenance.
- Translating UI/UX designs into code.
- Preparing user manuals and software documentations.

### *Notable Accomplishments.*

- Prepared user and system manuals which improved the ease of use of systems.

**MUVA TECH**, Nairobi, Kenya.

**Role:** Software Developer Intern, (January 2020 - March 2020).

***Tasks & Responsibilities.***

- Writing code.
- Software testing.

***Notable Accomplishments.***

- Owned and delivered the presentation and layouts module in a project with a record 96% client satisfaction.
- As a quality assurance tester, I successfully pointed out critical bugs that increased accurate project delivery.

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE & TECHNOLOGY**,

Nairobi, Kenya.

**Role:** Intern, (September 2018 - December 2018).

***Tasks & Responsibilities.***

- Website management (WordPress).
- Research and development.
- User support.

***Notable Accomplishments.***

- Streamlined the website content availability and accessibility to a record 96% from lows of 50%.
- Spearheaded the introduction of a new system of temporary school identification cards for students who misplaced their identification cards. This improved the efficiency of temporary ID issuance by over 60%.

**WOMEN in ICT (part of Jomo Kenyatta University of Agriculture & Technology)**, Nairobi, Kenya.

**Role:** Community Volunteer, (August 2018 - August 2019).

***Tasks & Responsibilities.***

- Mentorship and training of primary and high school students on technology and technological trends.
- Development of training materials for the various technologies.

***Notable Accomplishment.***

- Impacted over 60% of the mentees to join the university and colleges and pursue a course in technology.

**UTEST (part of Applause App Quality, Inc)**, Nairobi, Kenya.

**Role:** Tester, (August 2018 - January 2019).

***Tasks & Responsibilities.***

- Software Testing (exploratory, functional, and usability testing) and bug hunt.

### ***Notable Accomplishments.***

- I successfully managed to test and reproduce bugs on various websites, applications, and systems with an approval rating of over 91%.

## **Education.**

2015 - 2019: **Bachelor of Science in Information Technology**

**Jomo Kenyatta University of Science & Technology (JKUAT)**, Nairobi, Kenya (2015 - 2019).  
Bachelor of Science in Information Technology, (*Second-class Upper Division*).

### **Achievements**

- Participated in Techfugees Hackathon from 3rd to 5th April 2019 held at iHub Nairobi with an aim of bootstrapping a solution towards the reporting of health issues to the Kenya Red Cross by the health workers and community members at the Kakuma Refugee Camp. Being the team coordinator, we were able to provide a solution that made us emerge in position three out of the twelve teams that were participating.
- I was part of the volunteer team with the Women in ICT (WICT) JKUAT that provided mentorship and training to young students in various primary and high schools who were enthusiastic about technology.
- I developed a blood donor-recipient matching system based on a scoring algorithm as part of my final year project.