

**HAROUN WABWIRE MAGIO**

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**[haru-voster.github.io/portfolio](https://haru-voster.github.io/portfolio)**

**ID Number: 39726149**

**Nationality: Kenyan**

**Ethnicity: Luhya**

**Languages: English (Fluent), Kiswahili (Fluent), Luhya (Native)**



## **PROFESSIONAL SUMMARY**

*ICT Systems Engineer with 2+ years of experience in healthcare IT and software development. Proven track record deploying and maintaining Windows Server, DNS, DHCP and LIMS solutions, supporting 200+ clinical users, and delivering custom Python/Django applications. Skilled in network configuration (VLANs, switches), server hardening, and API integrations (Daraja/swagger).*

## **EDUCATION BACKGROUND**

**UNIVERSITY OF KABIANGA, KERICHO-KENYA— BSC. IN COMPUTER SCIENCE**

**SEPTEMBER 2021 – APRIL 2025**

*Graduated – Second Class Honors (Upper Division)*

**Kenya Certificate of Secondary Education Sigalame High**

*School 2017 - 2021 - B plain*

**Kenya Certificate of Primary Education Sifugwe**

*primary School | 2009 - 2016*

## **EXPERIENCE**

### **1. ICT Support & Systems Engineer (Volunteer) | National Public Health Laboratories (NPHL)**

*/ August 2025 – Present*

- Installed and maintained Windows Server infrastructure and network services, improving system uptime across 5 lab sites.
- Configured VLANs and managed switches/routers to segment lab traffic, reducing network incidents by 40%.
- Led LIMS/LabWare deployment tasks (configuration, user roles, integration) and supported go-live for 3 laboratories, decreasing sample processing delays by 25%
- Implemented server patching and backup procedures, cutting recovery time objectives (RTO) by 30%.
- Upgraded, troubleshoot and maintained computer systems, servers, and laboratory equipment.

### **2. ICT Officer**

*Kenyatta National Hospital | May 2024 - Aug. 2024*

- Reported faults for further action.
- Performed troubleshooting to correct computer hardware and software malfunctions.
- Maintained printers, photocopiers, and other peripherals to ensure service availability.
- Installed and configured computer hardware, operating systems, and applications.

- Network setup and configuration.
- Developed basic ICT solutions and projects. EHR systems
- Provided user support and training.

### 3. **Software Engineer || System Developer || Web Developer (Freelance)**

March 2024 – present

Leading design and development of innovative systems and software solutions including:

- **MamaFries POS System** – A Point of Sale solution developed in Python and PyQt5 library, featuring inventory tracking, order management, and automated receipt generation for small businesses.
- **BlogPerl** – A dynamic content management and blogging platform built with Django, focused on performance and clean UI/UX design.
- **Biometric System** – A secure facial and fingerprint-based identification system enhancing accuracy and access control efficiency. Using Python
- **e-Medical System** – A comprehensive hospital management system (Using Django Framework) integrating appointment scheduling, billing automation, and Daraja API payment processing. Contributed to end-to-end system architecture, database design, and front-end

### 4. **ICT Assistant**

*Kapkatet Hospital* | Aug 2023 – Sept. 2023

- Data entry
- Performed troubleshooting to correct computer hardware and software malfunctions.

### 5. **TECHNICAL SKILLS**

- Server Installation, Configuration, and Maintenance
- Network Setup, Configuration, and Troubleshooting
- Laboratory Information Management Systems (LIMS) & LabWare Setup, VMware, Hyper -V
- Computer Hardware and Software Support
- Web and Software Development (Front-end & Back-end)
- Database Design and API Integration
- Technical Support and User Training
- Data Analysis and Reporting

### 6. **SOFT SKILLS**

- Team Collaboration and Communication
- Fast Learner and Results-Oriented
- Project Management and Documentation

### 7. **CERTIFICATIONS & MEMBERSHIPS**

- ALX software Engineering – (Accredited certificate)
- Industrial Attachment Certificate
- ALISON (Accredited certificate in C programming)
- Emobilis Institute – (Certificate in Web development)

### 8. **BOOTCAMPS**

- Alx Software engineering --- Certificate in software Engineering
- Emobilis ----- Certificate in Web Development

## REFEREES

**1. Michael Mwangi**

Senior ICT Officer National Public Health Laboratories – NPHL, Nairobi      Tel:  
0729139006

Email: [mwangimike@gmail.com](mailto:mwangimike@gmail.com)

**2. Augustine Mutua**

ICT Officer Kenyatta National Hospital – Business Systems, Nairobi  
Tel: 0716659801

Email: [Amutua@knh.or.ke](mailto:Amutua@knh.or.ke)

**3. Daniel Omondi**

ICT trainer - Bumbe Technical and Training Centre      Tel:  
0792766296

Email: [ojiadanomo@gmail.com](mailto:ojiadanomo@gmail.com)