HAROUN WABWIRE MAGIO

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EDUCATION BACKGROUND

UNIVERSITY OF KABIANGA, KERICHO-KENYA— Degree in COMPUTER SCIENCE
SEPTEMBER 2021 – APRIL 2025 awaiting to graduate in November 2025

Kenya Certificate of Secondary Education *Sigalame High School*
| 2017 - 2021

Kenya Certificate of Primary Education
Sifugwe primary School | 2009 - 2016

EXPERIENCE

ICT Support & Systems Engineer (Volunteer) | National Public Health Laboratories (NPHL)
| *August 2025 – Present*

- Performing server installation, configuration, and maintenance to ensure optimal performance and reliability.
- Setting up and managing network systems, including switches, routers, and structured cabling across departments and laboratories.
- Assisting in the installation and configuration of Laboratory Information Management Systems (LIMS) and LabWare applications.
- Upgrading and maintaining computer systems and laboratory machines to support efficient ICT operations.
- Providing comprehensive ICT support for both administrative and technical staff to ensure smooth system functionality.

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.
- Monitored ICT equipment.
- Developed basic ICT solutions and projects. EHR systems
- Provided user support and training.

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

ICT Assistant
Kapkatet | Aug 2023 – Sept. 2023

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

SKILLS

- Server Installation, Configuration, and Maintenance
- Network Setup, Configuration, and Troubleshooting
- Laboratory Information Management Systems (LIMS) & LabWare Setup
- Computer Hardware and Software Support
- System Upgrades and ICT Infrastructure Management
- Web and Software Development (Front-end & Back-end)
- Database Design and API Integration
- Project Management and Documentation
- Technical Support and User Training
- Data Analysis and Reporting
- Team Collaboration and Communication
- Fast Learner and Results-Oriented

CERTIFICATIONS & MEMBERSHIPS

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

BOOTCAMPS

i. Alx Software engineering --- Certificate in software

Engineering ii.   Emobilis ------- Certificate in
Web Development

REFEREES

1. **Augustine Mutua**
ICT Officer Kenyatta National Hospital – Business Systems, Nairobi
Tel: 0716659801
Email: Amutua@knh.or.ke

2. **Daniel Omondi**
ICT trainer - Bumbe Technical and Training Centre
Tel: 0792766296
Email: ojiadanomo@gmail.com