

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.
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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, 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.
- **e-Medical System** – A comprehensive hospital management system integrating appointment scheduling, billing automation, and Daraja API payment processing. Contributed to end-to-end system architecture, database design, and front-end implementation ensuring high performance, scalability, and maintainability across all projects.

ICT Assistant

Kapkatet | Aug 2023 – Sept. 2023

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

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