

ALEX MUEMA WAMBUA

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Portfolio Website: <https://aw-programming.github.io/portfolio/>

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City: Nairobi, Kenya.

SUMMARY

An accomplished ICT specialist, that seamlessly bridges the realms of software development, technical support, networking expertise, and academia. With a robust background in software development, demonstrating adeptness in coding, debugging, and deploying innovative solutions. Proficiency that extends to providing technical support, troubleshooting complex issues, and ensuring optimal system performance. Expertise in networking support and maintenance that ensures seamless connectivity and data integrity across systems. Hands-on experience as a trainer reflecting a passion for knowledge dissemination and mentoring the next generation of ICT professionals. With a multifaceted skill set and a commitment to excellence and continuous learning, thus standing as a versatile asset in the ever-evolving landscape of information and communication technology.

EDUCATION

2022: Thika Technical Training Institute.

Diploma in Information Communication Technology(ICT).

Result: Credit.

2014: Thika Technical Training Institute.

Diploma in Community development & Social work.

Result: Credit.

2009: Kyuso Boys' High School.

Kenya Certificate of Secondary Education (K.C.S.E).

Attained C-

SKILLS

- Information Systems Expertise.
 - Web Development (Html, CSS, JavaScript, React, Vue, PHP, Laravel, MySQL)
 - Software Development (Python, C, C++, VB6.0)
 - Technical support and maintenance
 - Providing technical support for ERP systems
 - Setting up of Audio visual equipment
 - Networking support and maintenance
 - Windows Server Active Directory operations/Domain operations
 - Proficient in Microsoft office applications (MS word, Excel, Access, PowerPoint, Publisher & Outlook)
 - AutoCAD
 - QuickBooks
 - Graphics Design
 - Video editing
 - Project management.
 - Team collaboration.
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STRENGTHS

- **Technical Proficiency**

Possesses strong technical skills across a range of areas including software development, network administration, cybersecurity, database management, and system integration.

- **Problem-Solving Abilities**

Ability to analyze complex problems and devise effective solutions.

- **Adaptability and Continuous Learning**

Commitment to continuous learning thus staying updated with the latest trends, developments, and best practices in the industry.

- **Communication Skills**

Proficient in strong verbal and written communication skills, enabling to articulate ideas clearly, document processes comprehensively, and facilitate productive discussions within teams.

- **Attention to Detail and Quality Assurance**

Commitment to excellence and meticulous attention to detail, ensuring accuracy and precision in the work.

- **Time Management and Prioritization**

Excellent in time management and prioritization, setting realistic timelines, ability to multitask and manage project workflows to ensure timely delivery without compromising on quality.

- **Teamwork and Collaboration**

Possesses strong teamwork and collaboration skills to contribute actively to team projects, share knowledge and expertise with colleagues, and foster a supportive work environment conducive to collaboration and knowledge sharing.

EXPERIENCE

July 2023 - present

Software Developer - Freelance

Designing, developing, and testing software solutions tailored to meet client needs.

January - March 2024

ICT trainer at Waita Vocational Training Centre

Handling packages, NAVSET, Programming and Maintenance.

January - June 2023

Intern lecturer at Thika Institute of Business Studies(TIBS)

- Technical support and maintenance
- Computer packages tutor
- ICDL tutor
- Computer applications tutor

January - April 2022

Attachment at Kenya Medical Research Institute(KEMRI)

- Technical support and maintenance - Diagnosing and resolving technical issues for end-users, installing and configuring computer hardware, operating systems and applications.
- Providing technical support for ERP systems and training of users on the same.
- Setting up of Audio visual equipment during institution's meetings.
- Networking support and maintenance - Troubleshooting, diagnosing and solving network problems and issues related to ICT equipment.
- Windows server Active Directory operations/Domain operations - Setting up new user's accounts and profiles and dealing with password issues.

Sept 2017 - July 2018

Social worker/project manager at GATANGA FURAHA CHILDREN'S CENTRE.

- In charge of academics, discipline, behavior control and reinforcement measures.
- Addressing issues concerning food, sleeping facilities and clothing.
- Addressing issues concerning medical and Health wellbeing of children.
- Monitoring and supervision of daily program/routine.
- Maintaining records and updating children folders.

2011 & 2012 August - December

Attachment at Compassion Intl' Kamuwongo child development Centre.

- Updating children folders.
- Undertaking home and school visits.
- Ensuring that children communicate to their sponsors through letter writing.
- Mobilization for health screening of children and maintaining proper health records.
- Follow-up of HIV AIDS/HVC beneficiaries.

PROJECTS

1. Library management system with Python, Tkinter GUI and sqlite3 database.
2. Parcel delivery management system in PHP and MySQL.
3. Employee management system with VB6.0 and MS Access database.
4. Employee management system with Python and custom Tkinter GUI.
5. Inventory management system with VB6.0 and MS Access database.
6. ATM transaction mini project with C++
7. Public Trustee System (Office of the Attorney General)

LANGUAGES

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| English: | Proficient |
| Swahili: | Native |

REFERENCES:

- 1.** Charles Omollo
Principal TIBS College
Cell: 0722631783
 - 2.** Millicent Ombara
Deputy HOD, ICT department
Thika TTI
Cell: 0722280436
 - 3.** Eliud Muchiri
Lecturer ICT department
Thika T.T.I
Cell: 0726847332
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