

MUTWIRI BRIAN MUTHOMI

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Portfolio: <https://brianmuthomi.netlify.app/>

CAREER PROFILE SUMMARY

A motivated, responsible and data driven individual offering excellent communication and multitasking abilities. I have basic experience having worked as an attachee and a Volunteer at the Office of the Director of Public Prosecutions and Nairobi Technical Training Institute. I have excelled in undertaking Network Administration, Software development, day-to-day IT support tasks, IT Security skills and Proficiency in using systems including Windows, Printers, wireless routers, Cloud technologies such as Microsoft Azure, ERP systems and Database applications. I am self-directing and committed to meet deadlines with minimal supervision.

I have also exercised the highest standards of integrity and care and ensured that my conduct is above reproach at all times.

EDUCATION BACKGROUND

• Bachelor of Science in Software Engineering

School of Pure and Applied Sciences: Kirinyaga University; September 2020 – Sep 2024.

Projects

1. Final Year Project

Title of Proposal: Gate Pass Management system

• Kenya Certificate of Secondary Education

Ciamanda Secondary School; Jan 2016 – Nov 2019.

WORK HISTORY

March 2025- Present: ICT Trainer, Ndia Technical and Training Institute.

- Delivering hands-on training in ICT-related courses, including computer applications, networking, and database management.
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- Developing lesson plans, instructional materials, and assessments to enhance student learning.
- Conducting practical sessions on software development, cybersecurity, and hardware troubleshooting.
- Providing mentorship and technical support to students in ICT projects and research.
- Integrating modern teaching methodologies and e-learning tools to improve knowledge retention.
- Collaborating with faculty to enhance curriculum development and ensure alignment with industry standards.
 - Developing Ndia TVC School management system.

May 2024-28th February 2025: Volunteer-IT support, Office of the Director of Public Prosecutions.

- Developing memo management system for the ICT Department for managing incoming and outgoing memos.
- IT Support Especially on the Uadilifu Case Management System.
- Assisting a Senior Programmer in Reviewing Code for developing Job Employment Portal that helped in Ease of Job Application online.
- In a group of three designed ODPP website <https://odpp.go.ke/>

May 2023-August 2023: Industrial attachment, Office of the Director of Public Prosecutions.

- Analysis of user data and information to trigger informed decision making. • Installation of systems and computer applications in the organization. e.g., Microsoft Windows, Microsoft Offices, IFMIS.
- Training staff on efficient and effective use of ICT equipment and Integrated Software Application systems, i.e Uadilifu Case Management System, Elearning Management System, Performance Management System, Malalamishi Management System.
- Provision of 1st and 2nd line support to staff in order to troubleshoot and diagnose all technical faults, configuration issues and queries.
- Liaise with different departments to capture requirements in order to support the development of innovative ICT solutions.
- Digitization of Government services.

June 2022-August 2022: Industrial Attachment at the Nairobi Technical Training Institute, Nairobi.

- End user ICT support.
- Troubleshooting with software and hardware products. E.g., mail server and client configuration system.

- Installation and management of meeting applications; zoom and Microsoft Teams applications.
 - Setting up and support of Audio/Visual equipment for presentations and meetings. • Network cabling
 - Installation and configuration of network printers.
 - Data back-up and recovery of staff files.
 - Installation of windows programs and Operating systems.
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KEY SKILLS AND COMPETENCIES

- Proficiency in software development using Java, C++, HTML, CSS, JavaScript, Python and PHP.
 - Expertise in Linux and Windows OS, ERP systems, Printers, wireless routers, and database applications.
 - Configuration of network equipment, including routers and switches.
 - Skilled in database administration for Microsoft SQL Server and MySQL.
 - Hands-on experience with version control systems and frameworks like Laravel PHP framework.
 - Strong background in wireless networking, computer assembly, and software installation.
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ACHIVEMENTS

Certifications

1. Introduction to Programming – Kaggle.com
 2. Introduction to Pandas – Kaggle.com
 3. Introduction to machine learning -Kaggle.com
 4. Python essential 1 - Cisco Academy
 5. Ethical Hacker – Cisco Academy
 6. Introduction to Cyber security – Cisco Academy
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REFEREES

Mr. Desmond Mutuma
ICT Manager,
Nairobi Technical Training Institute.
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