

EDWARD MUTETHIA MURITHI

edwardmurithi.dev@gmail.com | +254708194272 | LinkedIn: edwardmurithi GitHub: Edwardmurithi

CAREER OBJECTIVE

Motivated IT professional with strong skills in software engineering, web development, and database management. Experienced in teaching and technical support within academic settings. Passionate about creating innovative, user-focused technology solutions that improve efficiency and accessibility.

EDUCATION & MY LEARNING JOURNEY

Murang'a University of Technology

Kenya

B.Sc. in Computer Science and Mathematics

Graduated, 22 August 2025

- **Concentrations:** Software Engineering
- **Related Coursework:** Programming & problem solving, Object-Oriented Programming, Networking, IT Support, System Analysis & Design, Database Design & Management, Repair & Maintenance, Cyber Security, Data Structures and Algorithms.

My Learning Journey:

- *ALX Africa* – Full-Stack Software Engineering Program (2023 - 2024)
- *Self-Taught Developer* – freecodeCamp (*Responsive Web Design & Scientific Computing Using Python Certification*), Youtube, Docs, & Open Source Contributions *2022 – Present*

PROFESSIONAL EXPERIENCE

IT Attachment - Jeremiah Nyagah National Polytechnic (Apr 2025 - Aug 2025)

- Participated in teaching IT technical units and guided students in software engineering fundamentals reinforcing subject mastery through mentorship.
- Collaborated on college network, Hardware and Software Troubleshooting and improvements.

TECHNICAL SKILLS

- **Programming & Development:** Java, Python, HTML, CSS, JavaScript
- **Database Management:** MySQL, PostgreSQL
- **Web Development:** Frontend (HTML, CSS, JavaScript/ReactJS)
- **Operating Systems:** Windows, Linux (Debian/RedHat)
- **Teaching & Mentorship** – Simplifying technical concepts for students

PROJECTS

- **QR-Code Attendance Management System**
 - Designed and implemented a scalable backend enabling real-time student check-in with QR codes.
 - Reduced manual attendance processing time by 80% through automation.
- **Job Finder Application – Python (Streamlit)**
 - Web application built using Python and Streamlit to help users discover opportunities efficiently.