

Daniel Wambua

✉ wambuahdaniel@gmail.com | 📍 Nairobi, Kenya | 🌐 <https://github.com/Daniel-wambua>

Cybersecurity-focused Information Technology student with hands-on experience in penetration testing labs, CTF competitions, and security tooling. Strong interest in offensive security, vulnerability assessment, and security operations. Actively seeking an industrial attachment or remote internship to gain real-world exposure in cybersecurity operations, SOC workflows, or application security.

Experience

Team Wallz

RECRUITED TEAM MEMBER | CTF COLLABORATION

February 2026 – Present

- Recruited to join Team Wallz (<https://ctftime.org/team/397301>)
- Actively collaborating with teammates on CTF challenge solving and writeups
- Team profile and updates: <https://w4llz.me/>

5113nt_br34ch CTF Team

CTF TEAM MEMBER | OFFENSIVE SECURITY PRACTICE

July 2025 – Present

- Solved web, network, and basic binary exploitation challenges in team-based CTFs
- Practiced vulnerability discovery using Burp Suite, Nmap, and manual testing techniques
- Collaborated on writeups and shared methodologies for common vulnerability classes
- Team profile and updates: https://silent-breach.github.io/5113nt_br34ch/

Karatina University

IT STUDENT | INNOVATION CLUB MEMBER

August 2023 – Present

- Supported organization of beginner-friendly CTF competitions and technical demos
- Assisted peers with Linux usage, networking concepts, and basic security tooling
- Participated in cybersecurity awareness sessions and hands-on labs

Education

Karatina University

BACHELOR OF SCIENCE (BSC) IN INFORMATION TECHNOLOGY — GRADE: ONGOING

2023 – 2027

I-Tech Computer College

CERTIFICATE IN COMPUTER FUNDAMENTALS & SECURITY OPERATIONS — GRADE: DISTINCTION

August 2022 – January 2023

Skills

Cybersecurity & Offensive Security	Web App Testing, Network Pentesting, Vuln Assessment, OWASP Top 10
Security Tools	Burp Suite, Nmap, Metasploit (Basics), Wireshark, Linux CLI
Programming & Scripting	Python, Bash, JavaScript, Go (Basics)
Systems & Platforms	Linux (Parrot/Ubuntu), Git & GitHub, Docker (Basics), Cloud (Vercel/Netlify)
Documentation & Research	CTF Writeups, Tech Docs, Security Research

Stats

3rd Place - Connected Africa Summit 2026 CTF (Team JOINT, Karatina University) 🌐

Top 10 Finalist - CyberGame Kenya 2025 🌐

Awards

Connected Africa Summit 2026 CTF - 3rd Position (May 2026) - Achieved 3rd place in the Connected Africa Summit 2026 Capture The Flag competition as part of Team JOINT from Karatina University. Demonstrated advanced skills in vulnerability assessment, exploitation techniques, and collaborative problem-solving under competitive conditions.

CyberGame Kenya - Top 10 Finalist (2025) - Recognized for strong performance in national-level cybersecurity competition focused on practical skills

Projects

CTF Writeups & Security Blog (21 ★) 🌐 Live

Personal blog documenting CTF solutions, tooling notes, and security concepts

🌐 [Daniel-wambua/blog](https://github.com/Daniel-wambua/blog)

Cyberhub (3 ★) 🌐 Live

A curated living, automated knowledge base for cybersecurity professional

🌐 [Daniel-wambua/cyberhub](https://github.com/Daniel-wambua/cyberhub)

MacOS_Portfolio (10 ★) 🌐 Live

Personal portfolio project demonstrating frontend skills and deployment workflows

🌐 [Daniel-wambua/MacOS_Portfolio](https://github.com/Daniel-wambua/MacOS_Portfolio)