

Ethan Bwibo

Nairobi, Kenya · +254 714 516 129 · enbwibo@gmail.com · [Portfolio](#) · [GitHub](#) · [LinkedIn](#)

PROFILE SUMMARY

Final-year BSc Informatics & Computer Science student at Strathmore University with hands-on experience in full-stack development, AI systems, IT infrastructure, and data analytics. Built and deployed real-world software solutions for non-profit and civic clients. Passionate about applying technology to solve meaningful African challenges and building products that reach underserved communities.

EDUCATION

Strathmore University

Apr 2023 - Present

BSc Informatics and Computer Science (BICS) · Nairobi, Kenya
Current Grade: 63.10 · Final Year (Year 4)

Moringa School

May 2026

Certificate in AI Essentials for Professionals
Completed: 4th – 15th May 2026

iLab Africa, Strathmore University

Jan - Mar 2025

Certificate in Data Analytics and Visualisation (CDAV)
Final Grade: 93.45 / 100

Nova Pioneer Tatu Boys

Jan 2019 - Dec 2022

Kenya Certificate of Secondary Education (KCSE) · Kiambu, Kenya
Mean Grade: B+ · Mathematics: B+ · English: B+

EXPERIENCE

IT Intern

Jan - Mar 2026

Missions of Hope International (MOHI) · Nairobi, Kenya

- Provided end-to-end IT support across software, hardware, and networking infrastructure
- Diagnosed and repaired devices, managed system configurations, and supported staff with technical issues
- Built and deployed Rafiki, an AI-powered IT support chatbot using Python, FastAPI, and Next.js to handle internal helpdesk queries
- Automated Google Workspace user management using Python and the Google Admin SDK
- Delivered customer-facing support and assisted with onboarding of new digital tools

Tech Volunteer

Jan - Mar 2024

Kilimani Primary School · Nairobi, Kenya

- Assisted with NEMIS student registration, device setup, and digital literacy mentoring for pupils and staff

PROJECTS

Rafiki IT Chatbot

2026

Python · FastAPI · Next.js · AI/NLP

- Intelligent IT support chatbot ("Rafiki" = Friend in Swahili) deployed at MOHI to handle helpdesk queries
- Integrated natural language understanding to route and resolve common IT support requests automatically

Hilton the Artist

2026

React · Framer Motion · Tailwind CSS

- Bespoke portfolio website for a visual artist featuring immersive galleries and fluid scroll-based animations
- Focused on performance, aesthetic presentation, and mobile responsiveness

AgriTour Mobile Application

2025 - 2026

Kotlin · Android SDK · Firebase

- Android platform bridging agriculture students with local farmers for hands-on educational farm tours
- Built two-sided marketplace with booking, farmer profiles, and Firebase real-time backend

YouthConnect – Coach & Parent Web Platform

2025

React · Node.js · MongoDB

- Dashboard platform connecting parents with coaches and sports academies for extracurricular programme access
- Reduced manual registration friction and improved visibility of available youth programmes

SDGs in Kenya Dashboard

Feb - Mar 2025

Python · Pandas · Plotly · Seaborn

- Interactive dashboard tracking UN Sustainable Development Goal progress across Kenya for policy stakeholders

CheapThrills Travel Agency Platform

Aug - Nov 2024

PHP · JavaScript · MySQL · Daraja API

- Full-stack travel booking system with multi-role authentication and M-Pesa Daraja payment integration

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Kotlin, SQL, PHP, Java, C/C++, HTML/CSS

Frameworks: FastAPI, Next.js, React, Node.js, Express, Android SDK, Streamlit

Data & AI: Pandas, NumPy, Matplotlib, Seaborn, Plotly, LangChain, Google Admin SDK

Databases: MySQL, MongoDB, Firebase, Supabase, PostgreSQL

Tools: Git, VS Code, IntelliJ, Android Studio, Figma, Postman

LEADERSHIP & ACTIVITIES

Treasurer

2025 - Present

All Saints Volunteers, All Saints Cathedral Nairobi

- Manage finances and budgeting for the volunteer community at All Saints Cathedral Nairobi

Treasurer & Team Captain

2024 - 2026

Strathmore University Tennis Team

- Led a squad of 15+ players, managed team finances, sponsorship negotiations, and tournament logistics
- Fostered team discipline and competitive readiness across multiple university tournaments

Church Praise & Worship Team

2023 - Present

Strathmore University

- Active music ministry member contributing to weekly worship services on campus

Library Secretary

2021 - 2022

Nova Pioneer Student Council

- Streamlined book allocation and library operations, reducing unnecessary replacement costs

INTERESTS

Lawn Tennis (competitive) · Music (church worship team) · Football (Arsenal FC) · Cycling · AI for social impact ·

References available upon request