Ethan Bwibo

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Profile Summary

Passionate 3rd-year Informatics & Computer Science student with skills in Software Development, UX/UI, and Data Visualization & Analytics. Seeking a Jan–Mar 2026 internship to build impactful solutions while learning and contributing.

Education

Strathmore University — Nairobi, Kenya
Bachelor of Science in Informatics and Computer Science (BICS) - 63.10 — 04/2023 - Present

iLab Africa, Strathmore University — Nairobi, Kenya
Certificate in Data Analytics and Visualization (CDAV) - 93.45 — 01/2025 - 03/2025

Nova Pioneer Tatu Boys — Kiambu, Kenya
Kenya Certificate of Secondary Education (KCSE) — 01/2019 - 12/2022
Mean Grade: B+ | Math B+ | English B+

Projects

AgriTour Mobile Application — 08/2025 – 12/2025
Technologies: Kotlin, Android SDK, Firebase
- Engineered a two-sided marketplace mobile application connecting agricultural students with local farmers for educational tours.

YouthConnect - Web Platform for Parents and Coaches — 04/2025 - 07/2025
Technologies: Next.js, React, CSS, Node.js, MySQL, Express
- Designed and deployed a dashboard-based web app connecting parents with coaches/academies, reducing manual registration and improving access to extracurricular programs.

SDGs in Kenya Dashboard — 02/2025 - 03/2025
Technologies: Python, Pandas, Matplotlib, Seaborn
- Created an interactive Python dashboard to track UN SDG progress, enabling country comparisons and actionable insights for policymakers.

CheapThrills Travel Agency Platform — 08/2024 - 11/2024
Technologies: PHP, HTML, CSS, JavaScript, MySQL, Daraja API
- Engineered a secure multi-role authentication system that ensured seamless user management.

Leadership & Volunteering

Treasurer & Team Captain — 2024 - Present
Strathmore University Tennis Team
- Managed team finances, sponsorships, logistics, and tournament preparation while fostering teamwork and discipline.

Volunteer Experience — 01/2024 - 03/2024
Kilimani Primary School, Nairobi
- Assisted with NEMIS student registrations, provided tech support, and mentored students.

Library Secretary — 2021 - 2022
Nova Pioneer Student Council
- Streamlined book allocations, prevented unnecessary replacement fees, and coordinated library services.

Skills

Programming: HTML/CSS, JavaScript, SQL (MySQL), Python, Kotlin, PHP, Java, C/C++
Libraries & Frameworks: React, Next.js, Pandas, NumPy, Matplotlib, Seaborn, Express
Tools: Git, VS Code, IntelliJ, Visual Studio

Interests

Tennis: Treasurer & Team Captain at Strathmore University Tennis Team
Music: Member of Church Praise & Worship Team
Innovation: Building tech solutions for real-world problems