

TIFANY NYAWIRA MWANIKI

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EDUCATION

BSC Computer Science: Kirinyaga University 4th Year

(Sep 2021 – To March 2025)

Teach2Give Software Development Training

(May 2024 – July 2024)

SKILLS

Languages: Python, PHP, Typescript, JavaScript

Database: MySQL, SQL, Cosmos DB, PostgreSQL

Frameworks: Flask, Django, Laravel, Hono (Node.js), React.js

Tooling: Git/GitHub, Linux, Azure

PROJECTS

Vehicle Management System: Developed a web-based platform for vehicle rental management using React.js, TypeScript, and Stripe payment integration [Anirent](#)

Restaurant Management API: Built a restaurant management API using PostgreSQL, TypeScript, Drizzle, and Hono, enabling efficient order processing and tracking. https://github.com/RivoltaAlpha/Restaurant_API

Computer Society of Kirinyaga Website: Frontend developer for a platform guiding students on technologies and hosting events ([CSK Website](#)).

Cyber Eyes Networks: Startup website for cybersecurity empowerment (cybereyesnetworks.co.ke).

Assignment Allocation System – ICT Authority Kenya

Developed a task allocation system using Laravel to streamline assignment tracking within the department.

<https://github.com/RivoltaAlpha/Assignment-Allocation-System>

EXPERIENCE

Software Engineering Industrial Attaché – Teach2Give, Nyeri, Kenya (May 2024 – July 2024)

I gained hands-on experience in modern web technologies, including Hono, drizzle ORM and React with typescript.

Collaborated on team-based projects enhancing problem-solving, gained communication skills as well as built a full stack web application.

Software Engineering Industrial Attaché – ICT Authority Kenya (May 2023 – August 2023) Applied Laravel framework to create websites, gaining hands-on experience in web development and database management. Developed effective teamwork skills through collaboration on various projects.

Event Organiser at Kenya Data Platform User group - The Kenya Data Platform User Group offers opportunities for those interested in data and AI technologies. As the event organizer, I have developed strong communication, organizational, and technical skills.

LEADERSHIP AND COMMUNITY DEVELOPMENT

- **[Beta Microsoft Learn Student Ambassador](#)** (January 2024 – Present)
Collaborates with other student campus leaders globally to organize virtual and in-person events that have impacted many students with knowledge and skills in the community.
- **[Computer Society of Kirinyaga Secretary General](#)** (April 2024 – Present)
This is a tech community in Kirinyaga University that brings students interested in technology together. Here I have collaborated on projects and contributed to organizing tech events, including hackathons and workshops.

CERTIFICATIONS

- [Cisco NetAcad Transcript](#),
- [Python Essentials](#)
- [Linux Essentials](#),
- [Software Developer](#)