

Vanessa Wanjiru Njoroge

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Profile

Motivated and results-driven Computer Science student with a strong foundation in web development, product management, and digital technology. Experienced in leading innovative, real-world projects such as an AI-driven land verification system, with a keen interest in using tech to solve social challenges. Adept in front-end technologies (HTML, CSS, JavaScript, PHP), strong soft skills in leadership and problem-solving, and certified in digital product development and cybersecurity. Proven ability to work in cross-functional teams, coordinate timelines, and deliver impactful outcomes. Currently seeking opportunities to grow within forward-thinking organizations that value innovation, collaboration, and continuous learning.

Experience

Product Manager – AI-Driven Land Verification System

Mount Kenya University • Jan 2025 – Apr 2025

- Led the development of an AI-powered land verification system to detect fraud and ownership issues using OCR and Google Maps.
- Collaborated with a team of 4 (software engineer, AI engineer, and UI/UX designer) to build the MVP in 8 weeks.
- Defined user requirements, structured development timelines, and prioritized system features.
- Addressed issues such as double-selling of land, ownership disputes, and legal inefficiencies.

Cyber Café Assistant

Village Stationery Cybercafé, Kawangware • Jun 2022 – Aug 2023

- Assisted customers with printing, scanning, and e-services such as e-Citizen, HELB, KRA, NHIF, and NSSF.
- Developed strong communication and multitasking skills by managing over 100 customer interactions weekly.

Education

Mount Kenya University

Bachelor of Science in Computer Science

Sept 2023 – Dec 2027

Nakuru Girls High School

Kenya Certificate of Secondary Education • B+

Jan 2018 – Apr 2022

Technical Skills

- **Languages:** HTML, CSS, JavaScript, PHP
- **Tools & Platforms:** MySQL, VS Code, Figma, Google Workspace
- **Productivity:** Microsoft Word, Excel, PowerPoint

Soft Skills

- Leadership & Team Coordination
- Time Management
- Problem Solving
- Critical Thinking
- Customer Service
- Adaptability & Fast Learning

Certifications

- **HER Digital Skills E-Mentoring Programme**
EmpServe Kenya in collaboration with ITU, GSMA & W4
May – July 2025
- **Masterclass on Digital Product Development**
Mount Kenya University in Partnership with Digital Product School
Jan – Apr 2025
- **Certificate of Merit**
Mount Kenya University • School of Computing & Informatics Delegate
Feb 2025
- **From Zero to Hero – Digital Product Development**
Technical University of Munich in Partnership with MKU
Nov 2024
- **Women in Digital Business- Foundations Program**
Aug 2024

Leadership

Delegate – School of Computing and Informatics

Mount Kenya University • Feb 2025 – Present

- Elected student representative for the School of Computing and Informatics.
- Participated in MKUSA 2025/2026 council elections.
- Collaborate with students and faculty to enhance academic and social experiences.

Assistant Class Representative

Bachelor of Science in Computer Science • MKU • Sept 2024 – Present

- Assist in organizing academic schedules and class announcements.
- Liaise between students and faculty to resolve academic concerns.

