Ken Kipkirui Tuei

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Web Developer

I am a BBIT (Bachelor of Business Information Technology) graduate with a strong passion for software engineering. Having completed my Software Engineering studies at Moringa School, I am proficient in Python with Flask and JavaScript-based programming. I have experience in team building, leadership, and project management, driving innovation and efficiency in tech-driven companies. While I leverage my expertise in information technology, I am also exploring full-stack web development and continuously seeking opportunities to build impactful, dynamic applications across various domains.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, SQL
- **Web Development:** HTML, CSS, Tailwind CSS, React.js, Flask
- **Databases:** SQLite, MySQL
- **Version Control:** Git, GitHub

TECHNICAL PROJECTS

Moringa School Marketplace – Connecting Africa's Tech Talent to Opportunity -
https://github.com/Dean14692-prog/Moringa-Marketplace
A web-based platform designed to help Moringa School students showcase, sell, and monetize their final capstone projects.
- Implemented key features including secure authentication, project listings with search filters, admin approval panel, e-commerce functionality with M-Pesa integration, and contact forms for hiring.
- Built using React, Tailwind CSS, and Python Flask, contributing to Africa's digital economy by transforming student innovations into market-ready opportunities.

Coffee Shop OOP Model- https://github.com/KenTuei/Coffee_Shop
A Python-based object-oriented simulation of a coffee shop, focusing on relationships between Customer, Coffee, and Order entities.
- Practiced core OOP principles including encapsulation, aggregation, association, and dependency.
- Enabled tracking of customer orders and calculation of average coffee prices.
- Included logic for identifying top spenders among customers.

Vivid-Vibes Cosmetics- https://github.com/KenTuei/Vivid-Vibe-Cosmetics
A JavaScript-based frontend project for an online makeup store tailored for women.
- Designed a modern, responsive UI for product browsing and shopping.
- Implemented a simulated e-commerce experience with product listings and cart functionality.
- Focused on enhancing user experience with dynamic interactions.

EXPERIENCE

Ministry of Education Staff   Nairobi, Kenya
Guest & Participant, Kenya Music Festival (National Level & International Conference) 2025   07/2025 - 08/2025
- Worked at Jogoo House, Nairobi (Ministry of Education Headquarters) gaining exposure to administrative and cultural programs in the education sector.
- Attended the 97th Kenya Music Festival (National Level) and contributed to activities celebrating music, arts and culture.
- Participated in the 2nd Kenya Music Festival International Conference, engaging with education and arts stakeholders on the role of creative industries in sustainable development.
- Awarded a Certificate of Appreciation and Certificate of Participation for active involvement and Contribution.

Freelance   Nairobi, Kenya
Web Developer   02/2024 - 12/2024
- ● Worked on various client projects, building and maintaining web applications tailored to client requirements.
- ● Developed responsive user interfaces using React and Tailwind CSS.
- ● Ensured timely delivery of features while maintaining code quality and usability standards

NHIF-National Health Insurance Fund   Nairobi, Kenya
IT Attachee   09/2023 - 12/2023
- ● Assisted in troubleshooting and resolving hardware, software, and network issues across NHIF offices.
- ● Participated in collecting, cleaning, and organizing healthcare data for analysis and reporting
- ● Assisted in generating periodic reports.

EDUCATION

Moringa School   Nairobi, Kenya
Software Engineering   02/2025 - 08/2025

Mount Kenya University   Nairobi, Kenya
Bachelor of Business and Information Technology   09/2020 - 12/2023

REFEREES

Mr. Nyoro   +254725865117
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