ANDREW KIBET TANUI

Web Developer

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CAREER SUMMARY:

Detail-oriented and passionate Software Developer with a strong foundation in Python, JavaScript, and React, and experience building web applications. Adept at problem-solving, collaborating with teams, and delivering high-quality, scalable code. Also a freelance graphic designer, skilled in creating logos, posters, banners, and managing social media content.

WORK EXPERIENCE:

Kenya Agriculture and Research Organization Headquaters

Intern | 27 May, 2024 - 30 August, 2024

- Worked across multiple departments including Programming, Data Centre, Big Data, ICT Support, and Networking. Key contributions included:
- Designed website mockups using HTML, CSS, JavaScript; implemented PDF generation and file management using Flask and PostgreSQL.
- Developed password reset email functionality with secure token generation.
- Deployed and tested a website in virtualized environments using ESXi, Ubuntu, and Apache; supported peers with Hyper-V troubleshooting.
- Used KoboToolbox and PowerBI for agricultural data collection and analysis; developed a Django-based data portal.
- Provided IT support, including hardware/software troubleshooting, user account management, and network diagnostics.
- Gained experience in real-world technical problem-solving, system security, data analysis, and cross-functional collaboration.

Freelance Graphic Designer

Remote | November, 2023 - Present

- Designed custom logos, posters, and banners for individuals and small businesses.
- Managed social media pages and created engaging content.
- Developed and executed ad creatives for online promotions.
- Tools used: Canva, Adobe Photoshop, Illustrator, Adobe Dimension and After Effects.

RELEVANT PROJECTS:

Student-Centric Content Publishing Platform

Technologies: Python, SQLAlchemy, React, Tailwind CSS, spaCy, NLTK, Scikit-learn

Built a platform to improve university communication and student engagement. Features include AI-recommended content, academic portfolios and real-time announcements.

Web Blogging Application

Technologies: Python, HTML, CSS, SQLAlchemy, SMTP

Created a blogging platform where users can register, read, and publish blog posts or articles. Integrated email functionality for notifications and post updates.

EDUCATION:

2021 - 2025 | St. Paul's University

Bachelor of Science in Computer Science, Software Engineering

SKILLS:

- Front-end and back-end web development
- AI and Machine Learning Concepts
- Web performance optimization
- Programming languages

REFERENCE:

Available upon request.