

DERRICK RIOBA ONGWAE

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SUMMARY

I am a detail-oriented ICT professional with hands-on experience in software development, IT support, networking, and database management, proficient in Python (Flask) and JavaScript (React) with strong problem-solving abilities and a passion for creating secure, scalable, and user-focused solutions.

TECHNICAL SKILLS

- * **Languages:** Python, JavaScript
- * **Frameworks/Libraries:** Flask, React, Next.js
- * **Web Technologies:** HTML, CSS
- * **Databases:** PostgreSQL
- * **Tools:** Swagger, Survey - CTO, Office 365, Git, Axios
- * **OS/Systems:** Windows, Linux
- * **Networking:** Configuration, troubleshooting, deployment
- * **Other:** JWT Auth, REST APIs, Cloudinary, Data Analysis

PROJECTS

Art portfolio

(<https://art-portfolio.vercel.app/>) | *Flask, React, JavaScript*

- * Developed a full-stack art display platform using React(Next.js) and Flask
- * Integrated secure backend APIs and real-time client-server communication using Axios.

Achievements

- * Enabled me to post some of my artwork on a more accessible platform

Portfolio

(<https://portfolio-five-five.vercel.app/>) | *Flask, React, JavaScript*

- * Built a platform to host my project links as well as contact info
- * Implemented Flask RESTful APIs and dynamic routing with React Router.

Achievements

- * Provided an efficient means to display my projects as well as content information

EXPERIENCE

ICT intern – Kenya Technical Trainers College (KTTC) | Sept – Dec 2021

Key Responsibility & Achievements

- * Provided IT support to staff, resolving hardware, software, and network issues.
- * Conducted security awareness training, boosting compliance by 35%.
- * Participated in Windows software upgrade and infrastructure rollout project (desktops, monitors).
- * Supported senior management in developing effective communication on security and privacy strategies.
- * Maintained system uptime and improved technical issue resolution times.

ICT Support Intern – Kenyatta National Hospital (KNH) | Oct – Dec 2022

Key Responsibility & Achievements

- * Delivered frontline IT support in a high-pressure healthcare environment.
- * Helped secure patient data through participation in network security protocols.
- * Deployed new computer systems in Outpatient Clinic project.
- * Improved data backup and recovery systems by identifying inconsistencies and ensuring 100% data restoration in tests.

EDUCATION

Moringa Institute

Software engineering | Feb – Aug 2024

Covered: HTML, CSS, JavaScript, React, Python, and Flask

Diploma in ICT (Credit) - Nairobi Technical Training Institute | Nairobi National Polytechnic

Sept 2020 – Sept 2023

Key Subjects: OOP, Visual Programming, DBMS, MIS, Systems Analysis

CERTIFICATIONS

- * Data Analysis with Python – *(Coursera)|(May 2025)*
- * Software Development Essentials – *(Microsoft/LinkedIn)|(Sep 2024)*
- * Programming Foundations, Problem-Solving, Teamwork – *(LinkedIn)|(2024)*