DERRICK RIOBA ONGWAE

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SUMMARY

A detail-oriented ICT professional with practical experience in software development, IT support, networking, and database management. Skilled in full-stack web development using Python (Flask) and JavaScript (React). Strong problem-solving abilities, with 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, MySQL
* **Tools:** Swagger, SurveyCTO, Office 365, Git, Axios
* **OS/Systems:** Windows, Linux
* **Networking:** Configuration, troubleshooting, deployment
* **Other:** JWT Auth, RESTful APIs, Cloudinary, Data Analysis, Team Collaboration

PROJECTS

Creation Demo
(https://demo-project-f-end.vercel.app/) | *Developer | Flask, React, JavaScript, Swagger*

* Developed a full-stack art submission platform using React and Flask
* Integrated JWT authentication, Cloudinary for secure image uploads, and Swagger API documentation
* Built admin dashboard for managing users and posts
* Used Axios and React Router for seamless client-server communication

Blogers
(https://blogers-front-end-srpb.vercel.app/) |*Developer | Flask, React, JavaScript*

* Built a blog platform with user registration, login, and CRUD operations
* Implemented Flask RESTful APIs with JWT-based authentication
* Integrated commenting and content management features
* Used Axios for data handling and React Router for navigation

EXPERIENCE

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

* Successfully maintained ICT systems and assisted in infrastructure deployment, for the student population of 1000 students

* Conducted user training on common productivity tools that supported 10-15 students

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

* Provided technical and hardware support, enhancing operational efficiency for over 1000 employees and patients

* Assisted in backup and recovery processes across all departments

* Deployed and configured new hardware and network systems for the finance department

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 Courses: 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)*