Manfred Baraka

DJANGO DEVELOPER | DATA SCIENTIST | HEALTH INFORMATICS SPECIALIST

LinkedIn **Portfolio**

PROFESSIONAL SUMMARY

Web developer fusing advanced **NLP** with full-stack expertise (**Django**, **FastAPI**, **React**, **PostgreSQL**). I create smart, user-friendly web solutions powered by **AI**.

PROJECTS

sokoApp – Business Creation Platform

Tech Stack: **Django**, **React**, **PostgreSQL**, **AWS**, **vercel**

A web app that allows users to create shops, list products/services, follow shops, and view product analytics (e.g. views, saves, followers). Developed JWT authentication and integrated PostgreSQL.

View live demo

ZensortAI – AI-Powered Resume Similarity Checker

Tech Stack: **FastAPI**, **React**, **NLP** (Sentence Transformers)

Utilize advanced NLP to compute semantic compatibility between CVs and job descriptions. Highlight candidate strengths and weaknesses through batch processing, real-time updates, and downloadable reports.

View live demo

Elopysage – Machine Learning Regression Toolkit

Tech Stack: **FastAPI**, **React**, **Machine Learning** (Python)

A dual-purpose ML app with regression models for predicting medical costs and energy consumption. Built with FastAPI and React, Elopysage delivers accurate, actionable insights through a clean, interactive interface.

View live demo

TECHNICAL SKILLS

Web development: Python, JavaScript, SQL, Django, FastAPI, React, RESTful APIs (Django REST framework)

Data Science : Machine learning, Natural Language Processing **,** Data visualization (Power BI), Predictive Modeling

Tools & Libraries: scikit-learn, Pandas, NumPy, Sentence Transformers, spaCy, Power BI

Deployment & DevOps: Docker, Git, Vercel, AWS, Hugging Face Spaces

EDUCATION

Bachelor of Science in Health Information Science
University of Dodoma, Tanzania **|** 2022 – Expected July 2025

Phone: +255 752 303 770

Email address: manfredbaraka33@gmail.com