

STARNLEY MWANGE

Nairobi, Kenya | +254 708 967 800 | mwangestanley02@gmail.com
github.com/StamleyKioko

FULL-STACK WEB DEVELOPER | TAILWIND CSS | REACT | FLASK | CLOUD INFRASTRUCTURE

Innovative and results-oriented Full Stack Developer with hands-on experience building clean, responsive, and scalable web applications. Skilled in frontend development using React.js and Tailwind CSS, and backend development with Flask, Django, and PostgreSQL. Proficient in REST API development, cloud deployment using Docker and AWS, and real-time messaging systems.

CORE COMPETENCIES

- Frontend Development (React + Tailwind CSS)
 - Backend Development (Flask / Django)
 - REST APIs & Microservices
 - Cloud Deployment (AWS, Docker)
 - Firebase & Real-Time Messaging
 - Database Modeling (SQL / NoSQL)
 - Agile & Collaborative Development
-

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6), Python, HTML5, CSS3, React.js, Next.js, Flask, Django

Styling & UI: Tailwind CSS, Bootstrap, CSS Modules

Databases: PostgreSQL, MySQL, MongoDB, Firebase

Cloud & DevOps: AWS (EC2, S3, RDS), Docker, Linux

Tools & Others: Git, GitHub, WebSockets, CKAN, Power BI, Shell Scripting

PROFESSIONAL EXPERIENCE

Frontend & Backend Developer

Fourbic Limited | Nov 2024 – Present

- Improved user engagement by 35% through responsive React.js + Tailwind CSS dashboards
- Reduced manual reporting by 50% with Flask-based REST APIs and PostgreSQL integration
- Deployed services via Docker on AWS EC2, cutting infrastructure setup time by 60%
- Implemented real-time data sync via WebSockets and Power BI, accelerating decisions by 25%

Data Analyst / Web Integrator

GCS Ltd. | Sep 2023 – Present

- Reduced reporting time by 40% via dashboards built with Power BI
- Improved data reliability and sync efficiency using Python scripts and SQL integrations
- Reduced backend data retrieval latency by 30% with Flask API optimization
- Enhanced automation and data modeling with collaborative development efforts

Data Analytics Trainee

Primo Academy | Aug 2022 – Feb 2023

- Learned how to use Power BI for data visualization
- Learned Machine Learning concepts and techniques
- Contributed to ML pipeline design, improving prediction accuracy by 15%
- Implemented data preprocessing and feature engineering for model training

PROJECTS

Child Trauma Prediction App

Flask + Firebase + Tailwind CSS + WebSockets

- Developed a real-time chat and trauma prediction system for doctors and patients
- Enabled secure result handling and reduced miscommunication by 100%
- Facilitated early-stage trauma detection and intervention

AI-Powered USSD Learning App

Flask + PostgreSQL + Tailwind CSS + Groq-API

- Built a USSD learning app to provide educational access to rural learners
- Bridged the digital divide with offline learning support using AI

EDUCATION

Bachelor of Science in Business and Information Technology
Dedan Kimathi University of Technology

AWARDS & RECOGNITION

 **Winner** – *AI For the Future Hackathon*, hosted by Impact Africa 2025
