

# Cleve Momanyi

Full-Stack Developer



clevemomanyi@gmail.com



+254 700 164 733



Nairobi, Kenya



linkedin.com



Github.com



clevesfolio

## Technical Skills

### Frontend

React

Next.js

TypeScript

JavaScript

Vue.js

Tailwind CSS

HTML5

CSS3

### Backend

Python

Node.js

Django

FastAPI

PostgreSQL

MongoDB

REST APIs

### Cloud & DevOps

AWS

Docker

Git

CI/CD

### Data & AI

Machine Learning

## Profile

Full-Stack Developer with expertise in building data-driven dashboards and interactive web applications. Currently developing backend solutions for a London-based real estate company while maintaining strong frontend skills. Passionate about creating user-friendly interfaces that effectively communicate complex data, with particular interest in fintech applications and secure, compliant web solutions. Experienced in modern JavaScript frameworks, data visualization, and cloud technologies.

## Professional Experience

### Backend Developer

#### Swap Space

2025 – Present | Remote, London, United Kingdom

- Develop and maintain scalable backend APIs for real estate platform serving international clients
- Implement secure coding practices and ensure compliance with data protection standards
- Collaborate with cross-functional teams including frontend developers, designers, and product managers
- Optimize database queries and improve application performance for high-load scenarios
- Contribute to frontend dashboard components for property analytics and reporting

### Frontend Developer

#### StatSpeak

2024 Jun – 2024 Dec | Nairobi, Kenya

- Built interactive dashboards and data visualization components using React and modern CSS frameworks
- Implemented responsive web applications with focus on user experience and accessibility
- Developed reusable UI components following design system principles

Data Visualization

Chart.js

D3.js

## Education

Bachelor of Computer Science

**Muranga University of Technology**

2021 – 2025 | Muranga, Kenya

Cloud Computing Specialization

**ALX Africa**

2025 – Present | Online

Advanced cloud architecture, AWS services, and modern DevOps practices

## Certifications

AWS Cloud Practitioner

React Developer

Python Developer

- ▶ Integrated with REST APIs and implemented real-time data updates
- ▶ Collaborated with backend team to optimize data flow and improve application performance

## Featured Projects

### AI-Powered Resume Builder

*Intelligent Career Platform with Advanced Analytics*

2025 | Next.js, TypeScript, AI Integration

- ▶ **ATS Optimization Dashboard** – Built interactive analytics showing resume compatibility scores
- ▶ **Job Matching Algorithm** – Implemented ML-powered job recommendation system
- ▶ **Dynamic CV Generation** – Created responsive templates with real-time preview
- ▶ AI Interview Preparation module with performance tracking and analytics
- ▶ Cover letter generation with industry-specific customization

Tech Stack: Next.js, TypeScript, Tailwind CSS, OpenAI API, PostgreSQL, Vercel

### My Daktari - Healthcare Platform

*Doctor-Patient Booking & Management System*

2024 | React, Python, Healthcare Compliance

- ▶ **Interactive Booking Dashboard** – Built doctor availability calendar and appointment management
- ▶ **Patient Portal** – Developed secure patient data management with accessibility features
- ▶ Location-based doctor search with real-time availability updates
- ▶ Implemented **secure authentication** and data privacy compliance

Tech Stack: React, Python Django, PostgreSQL, Google Maps API, JWT Authentication

### Pendeza - E-commerce Beauty Platform

*Full-Stack E-commerce with Payment Integration*

2023 | React, Payment Gateways

- ▶ **Product Catalog Dashboard** – Built inventory management with data visualization
- ▶ **Secure Payment Processing** – Integrated multiple payment gateways with transaction monitoring
- ▶ Order tracking system with real-time status updates
- ▶ Responsive design optimized for mobile commerce

Tech Stack: React, Node.js, MongoDB, Stripe API, M-Pesa Integration

## AI Diabetes Prediction Platform

*Healthcare Analytics with ML Integration*

2024 | React, Python, Machine Learning

- ▶ **Interactive Health Dashboard** – Created data visualization for patient health metrics
- ▶ **Predictive Analytics Interface** – Built charts and graphs for ML model results
- ▶ Real-time risk assessment with visual indicators and recommendations

Tech Stack: React, Python, Scikit-learn, Chart.js, FastAPI



### Key Achievements

Successfully delivered 15+ web applications • Built scalable solutions serving 1000+ users • Reduced application load time by 40% through optimization • Contributed to open-source healthcare projects