




# NIXON IAN OWUOR OCHIENG

Full Stack Engineer | Digital Platform Lead | AI Systems Builder

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## PROFESSIONAL SUMMARY

Full Stack Engineer and Digital Platform Lead with experience building scalable systems, AI-powered applications, and payment-integrated platforms. Skilled in designing production-ready web systems and driving digital strategy across organizations.

Currently leading platform development and global community infrastructure at The NGO Whisperer Centre for Social Impact, supporting cross-regional collaboration between the UK and Kenya. Founder of CodeMantled, focused on developing AI solutions and training emerging developers.

## CORE SKILLS

### Languages & Frameworks:

Python, JavaScript, Node.js, React, Flask, Express, SQL

### Full-Stack & Platforms:

REST APIs, PostgreSQL, Supabase, Vercel Serverless Functions, Platform Architecture

### AI & Data:

AI Integration, Prompt Engineering, Workflow Automation, Data Analysis

### Cybersecurity:

Secure Coding, System Hardening, Threat Awareness (In Progress)

### Strengths:

System Design, Digital Strategy, Leadership, Problem Solving

## PROFESSIONAL EXPERIENCE

### Digital Strategy, Platform & Community Lead

The NGO Whisperer Centre for Social Impact 2026 – Present

- Selected into a global fellowship across 20+ countries
- Leading development of a scalable global community platform
- Driving digital strategy and engagement across UK & Kenya
- Managing digital presence and growth initiatives

### Software Developer & Digital Strategist

Nivaken Group Limited 2024 – Present

- Built scalable systems, dashboards, and automation pipelines
- Reduced manual workflows through automation
- Supported digital transformation and system adoption

### Founder & Full Stack Engineer

CodeMantled 2025 – Present

- Built AI-powered and full-stack applications
- Delivered systems with APIs, authentication, and payments

- Conducted AI workshops and created educational tech content

## SELECTED PROJECTS

BEEyond Trees – E-Commerce Platform

<https://beeyond-psi.vercel.app/#products>

- Built full-stack e-commerce platform using JavaScript, Supabase, and Vercel serverless APIs
- Integrated Paystack supporting cards, bank transfers, and mobile money
- Designed secure checkout, payment verification, and order tracking

**The Courtyard Kitchen – Payment & Checkout System**

<https://alca-five.vercel.app/>

- Developed Node.js/Express backend with M-Pesa STK Push integration
- Implemented full payment lifecycle and real-time status updates
- Designed scalable, production-ready payment architecture

**CodeMantled – AI & Digital Innovation Platform**

<https://code-mantled.vercel.app/>

- Built platform delivering AI tools, automation systems, and learning content
- Developed solutions for AI integration and digital transformation
- Conducted training sessions and webinars

**Moringa School – AI & Software Engineering Video Project**

<https://www.instagram.com/reel/DU2t12ugHlx/?igsh=MWdzNzV6dTU0bWRyeQ==>

- Created educational video demonstrating real-world AI applications
- Simplified complex concepts for non-technical audiences
- Improved user experience through responsive design and efficient backend performance optimization strategies

## EDUCATION

### ALX Africa

Cybersecurity Program (Ongoing)

### Moringa School

AI Launchpad 2025

Software Engineering 2025

### Technical University of Mombasa

BSc Mathematics & Computer Science 2019 – 2025

## LEADERSHIP & IMPACT

- Collaborating with global NGO leaders and social impact professionals
- Building platforms for international communities and initiatives
- Mentoring youth in AI, software engineering, and digital skills
- Promoting digital entrepreneurship and technology adoption across Africa

## KEY ACHIEVEMENT

Selected into a highly competitive global fellowship and leading development of a scalable international community platform, demonstrating end-to-end system design and global collaboration.