# MOSES MAINA ONGWARE

Nairobi, Kenya | +254 110 868 049 | [Moses's Portfolio](#) | [Moses's Github Profile](#)

## SUMMARY

I am a Computer Science graduate and systems-driven full-stack engineer specializing in MERN, Next.js, and TypeScript. I build stable, scalable web applications and APIs, solving complex problems by decomposing them and delivering maintainable, high-quality code. AI is a core part of my workflow for design validation, requirement refinement, and thoughtful prototyping. I thrive in collaborative teams that prioritize deliberate architecture, long-term impact, and efficient development.

## PROFESSIONAL EXPERIENCE

**IT Support Trainee** | Rural Electrification & Renewable Energy Corporation (REREC) *May 2024 – Aug 2024*

- ❖ Provided SAP/4HANA support and onboarding for enterprise users, enhancing system adoption and troubleshooting technical issues.
- ❖ Managed the Jira ticketing system for tracking hardware maintenance and IT tasks, improving task resolution efficiency.
- ❖ Monitored and maintained devices in server rooms to ensure 99% uptime and troubleshoot network issues to maintain stability.

## PROJECTS

**TaskFlow** | [TaskFlow Repository](#) | [Try TaskFlow](#)

- ❖ Developed TaskFlow, a full-stack task management app featuring real-time collaboration, a Kanban dashboard, JWT authentication, and a responsive design for seamless cross-device tracking.
- ❖ Engineered for efficiency and responsiveness, ensuring seamless project organization and tracking across devices.
- ❖ Deployed on Vercel with CI/CD via GitHub Actions.

## EDUCATION

**Bachelor of Science in Computer Science** | **Chuka University** | **Graduated in Nov 2025**

- ❖ **Relevant Coursework:** Software Engineering, User Interface Design, Distributed Systems, Decision Support Systems, Component Based Architecture, Software Project Management, Artificial Intelligence, Data Structures.

## TECHNICAL STACK

- ❖ **Frontend:** React, Next.js (App Router), TypeScript, Javascript, React Native, Tailwind CSS, TanStack Query.
- ❖ **Backend & Databases:** Node.js, Express.js, NestJS, Python, FastAPI, REST API Design, PostgreSQL, MongoDB, Redis, M-pesa Daraja API.
- ❖ **DevOps & Tools:** GitHub Actions (CI/CD), Docker, Jest, Playwright, Vercel, Sentry, Git, GitHub, Render, Cloudinary, Resend, NextAuth, Linux, CLI.
- ❖ **Core Competencies:** Context Engineering, Systems Thinking, AI-Augmented Development, Adaptability, Proactive & Meta Learning, Curiosity-Driven Problem Solving, AI-Utilization & Prompt Engineering, Abstraction & Pattern Recognition, Teamwork, Time Management.

## CERTIFICATION

- ❖ Prompt Engineering with Amazon Q Developer.
- ❖ Cybersecurity & Emerging Technologies Awareness.
- ❖ Docker Bootcamp for ML, GenAI and Agentic AI.