

MOSES MAINA ONGWARE

Nairobi, Kenya | cmoesmaina@gmail.com | [Moses's Portfolio](#) | [Moses's Github Profile](#)

SUMMARY

A versatile Software Engineer and Computer Science graduate with hands-on experience in building scalable web applications using the MERN stack and Next.js. Passionate about leveraging modern technologies and AI-driven problem-solving to deliver innovative products and optimize workflows. Eager to contribute to a dynamic team and grow technical skills in a collaborative environment.

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.

Fitness Tracker | [Fitness Tracker Repository](#) | [Try Fitness Tracker](#)

- ❖ Developed a cross-platform web app using the MERN stack to help users track their daily health routines.
- ❖ Implemented features for personalized recommendations based on user activity and leveraged AI-assisted coding for rapid development.
- ❖ Built with React, Node.js, Express, and MongoDB, featuring charts for activity tracking and visualization.

EDUCATION

Bachelor of Science in Computer Science | Chuka University

- ❖ **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:** Next.js (App Router), TypeScript, React 18, Tailwind CSS, Zustand, TanStack Query, JavaScript (ES6+), ShadcnUI, Axios, React Hook Form+ Zod, Framer Motion, Sonner, Lucid React.
- ❖ **Backend & Databases:** Node.js, Express.js, Next.js API Routes, MongoDB, Supabase, PostgreSQL, JWT, REST APIs, Redis, NextAuth, Winston.
- ❖ **DevOps & Tools:** GitHub Actions (CI/CD), Docker, Jest, Playwright, Vercel, Sentry, Kubernetes, Git, GitHub, Daraja API, Render, Cloudinary, Resend.