

Mark Waweru Thuku

 <https://portfolio-app-9jea.vercel.app/>

I am a results-driven Software Engineer and Business Strategist with extensive experience in full-stack development, cloud computing, and business intelligence. Proficient in Java, C++, React, Android, and advanced network engineering, I blend technical proficiency with strategic thinking to align technology with business goals. I am analytically focused, ethically driven, and dedicated to using technology to create positive societal change. Passionate about sustainability, decentralization, and green energy, I am eager to collaborate with a forward-thinking team to deliver innovative, impactful technological solutions.

 markwaweru37@gmail.com  +254 710 565 193  Nairobi, Kenya

SKILLS

Full-Stack Development	Cloud Computing	Business Intelligence	Android Development
Advanced Network Engineering	Strategic Planning	Analytical Thinking	Ethical Decision-Making
Technological Problem-Solving	Collaborative Teamwork		

TECHNICAL SKILLS

Programming Languages:	React.js, HTML, CSS, JavaScript, C++, Java, Android, Shell Scripts
Frameworks & Tools:	Node.js, Tailwind CSS, Visual Studio, Git, Jenkins, Oracle DB, Azure, VMware, TinkerCAD
Project Management & Leadership:	Agile, Scrum, Conflict Resolution, Stakeholder Management
Cloud Solutions:	Microsoft Azure (VMs, Virtual Networks, Containers), Cloud Deployment & Management
Data & Business Intelligence:	Data Analysis, Data Warehousing, Data Mining, Business Intelligence Tools, Data Visualization
Networking & Telecommunications:	LAN, VLAN, Subnetting, TCP/IP, Network Security, OSI, Telecommunication Protocols
Sustainable Development Expertise:	Technology for sustainability, SDG alignment, Environmental impact initiatives

WORK EXPERIENCE

Information Technology Intern

Ministry of East African Community: State Department for Regional Development and ASALs – Nairobi, Kenya

- Successfully managed IT infrastructure, ensuring seamless daily operations, installations, troubleshooting, and diagnostics, resulting in improved system uptime and user satisfaction.
- Streamlined technical and networking systems, optimizing cross-departmental communication and enhancing overall operational efficiency.
- Conducted in-depth research on emerging technologies, providing strategic insights that shaped department-wide IT planning and enabled the adoption of innovative solutions.
- Implemented proactive system monitoring processes, reducing downtime and enhancing team productivity.
- Spearheaded the integration of cloud-based solutions, improving data accessibility and security while reducing costs.
- Led the deployment of new software tools, enhancing project management capabilities across departments and improving workflow coordination.
- Collaborated with cross-functional teams to ensure alignment of IT infrastructure with business needs, boosting departmental collaboration and performance.
- Delivered comprehensive IT training sessions for staff, improving technical proficiency and reducing support queries.

EDUCATION

Bachelor of Science in Information Systems & Technology
United States International University – Africa

COMMUNITY INVOLVEMENT

Active volunteer in technology-for-good initiatives, focusing on technology and AI for social change and sustainable development projects, particularly in social well-being, agriculture and healthcare.

Passionate advocate for ethical AI and green technology to advance the UN Sustainable Development Goals (SDGs), particularly SDG 7 (Affordable and Clean Energy), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 13 (Climate Action).

LANGUAGES

English	Swahili	French
Native or Bilingual Proficiency	Native or Bilingual Proficiency	Limited Working Proficiency

INTERESTS

- AI for Social Change
- Green Energy
- Emerging Technologies
- Internet of Things
- Networking
- Sustainable Development
- Trends in Technology

REFERENCES

Available upon Request