

# KAARIA DENIS MWAKI

SOFTWARE | WEB DEVELOPER

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## Objective:

I'm a passionate web developer specializing in full-stack development. I thrive on creating innovative web solutions that not only look stunning but also deliver seamless functionality. I aim to help organisations turn complex technical challenges into simple, scalable solutions that make a real difference for users and teams. I've led multiple developer teams, modernised small-scale systems, and built high-performance cultures grounded in openness, inclusion, and technical excellence. I'm passionate about open source, user privacy, and aim to leaving a lasting impact at both company and community level.

## Skills & Abilities:

Proficient in: HTML, CSS, JavaScript, Python, Dart/Flutter, Node.js, TypeScript, MySQL, Databases, Cloud Computing, Communication Skills, Administrative Skills, Teamwork, Problem-Solving Skills.

## Experience:

**Computer Science Student** 2024–2028

Meru University of Science and Technology, BSc Computer Science (continuing)

**Certified Fullstack Web Developer** 2024–2025

Gaining hands-on skills in Python, Node.js, TypeScript, JavaScript, MySQL, and Cloud Computing at FreeCodeCamp.

**Safaricom Immersive 5G Training** 2024

Participated in a professional training program sponsored by Safaricom, gaining hands-on experience with 5G technologies, immersive solutions, and modern web architectures.

**Safaricom Cloud Computing Training** 2025

Completed Safaricom-sponsored cloud computing training, gaining practical experience in cloud deployment, modern architectures, and scalable web solutions.

**Power Learn Project - Software Development**

Currently a continuing student at Power Learn Project Academy, building real-world web applications.

## Education:

Meru University of Science and Technology

Bachelor of Science in Computer Science (continuing)

**Achievements:** Top rank winner in several hackathons, President of Computing Society.

### **Projects:**

- **M-Pesa Based WiFi Billing System:** Developed a fast, automated WiFi billing platform integrated with M-Pesa STK Push for secure, instant user access. Built with Node.js, MySQL, Next.js, and React.
- **PLP Web Technologies Safaricom Hook Project:** Participated in GitHub Classroom project implementing a web app using React, CSS, and HTML, successfully completing week-8 deployment tasks.
- **Recipe-bOOk:** Web application to discover and cook authentic Swahili and Kenyan meals.
- **Green AI Waste-to-Energy Platform:** AI-powered system transforming waste into sustainable energy using predictive analytics and real-time monitoring.
- **TakaSmart Reward System:** Gamified smart recycling platform promoting environmental sustainability, built with React, TypeScript, TailwindCSS, and Supabase.

### **References:**

Dr. Amos Chege  
Computer Science Instructor  
Meru University of Science and Technology  
[www.must.ac.ke](http://www.must.ac.ke)  
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