

David Mwangi Wanjiru

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GitHub: github.com/David-mwas | Portfolio: david-mwas.vercel.app

Profile Summary

Software Developer with experience building scalable web and mobile applications using **React, Next.js, React Native, JavaScript, and TypeScript**. Skilled in transforming ideas and designs into functional products, debugging and improving codebases, and collaborating with cross-functional teams. Passionate about problem-solving, learning fast, and contributing to impactful technology

Professional Experience

Tarech Studio — Software Developer

Apr 2025 – Nov 2025 | Remote, Nairobi

- Built and maintained responsive, high-performance frontend applications using **React, Next.js, Tailwind CSS, and TypeScript**.
- Translated UI/UX wireframes into production-ready interfaces, improving UI responsiveness by 30%.
- Integrated REST APIs and Supabase backend services with secure client-side logic.
- Collaborated with designers and backend engineers to align system architecture with product requirements.
- Participated in testing, debugging, and refining features to enhance user experience.
- Applied Git, code reviews, and modular component architecture to ensure maintainable, scalable codebases.

MMUSTiHub — Frontend Developer & Technical Lead

May 2023 – Jul 2025 | Nairobi, Kenya

- Developed web and mobile interfaces using **React, React Native, and Next.js** across multiple student-focused platforms.
- Converted ideas and wireframes into functional prototypes and production interfaces.
- Integrated real-time data via REST APIs and IoT endpoints for **Fololimo**, an AI/IoT agriculture insights app.
- Led frontend QA: performed testing, fixed bugs, reviewed pull requests, and improved code reliability.
- Delivered accessible, cross-browser, SEO-friendly interfaces for education and mental health platforms, including **MMUSTJOSA** and **InnerGlow**.

ALX Africa — Software Engineering Trainee

Jun 2022 – Oct 2024

- Built interactive web applications using JavaScript and React, focusing on clean UI and responsive design.
 - Practiced Agile teamwork, Git workflows, stand-ups, and collaborative project building.
 - Learned core engineering disciplines: debugging, documentation, testing, and deployment.
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Education

Masinde Muliro University of Science and Technology

BSc. Information Technology — Second Class Upper Division (Honours)

- Focused on IT core, software engineering, web and mobile development, and project-based learning.
 - Expected graduation: Dec 2025
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Key Projects

KenBest Logistics (Australia)

- Reworked a complete logistics platform from static pages to a scalable React application using **Next.js, Supabase, and Tailwind**.
- Implemented reusable components, improved load performance, and built mobile-friendly layouts.

Fololimo

- Developed mobile UI screens using **React Native**, integrating real-time **IoT and AI-driven agriculture data** through efficient APIs.
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Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python (basic)

Frontend: React, Next.js, React Native, Tailwind CSS

Backend (familiar): Node.js, Express, Golang, REST APIs

Tools: Git/GitHub, Supabase, Firebase, Vercel, Postman, Nx Monorepo optimization

Soft Skills: Problem-solving, collaboration, communication, rapid learning, documentation