MR. GERALD OKOTH

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EDUCATION

JAN 2025 - SEP 2025
ALX AFRICA
Frontend Web Development

OCT 2020 - APRIL 2025
MACHAKOS UNIVERSITY
BSc. Mathematics and Computer Science

FEB 2016 - NOV 2019
ST. ANTHONY DAGO KOKORE SEC. SCHOOL
Kenya Certificate of Secondary Education

CERTIFICATIONS

- Professional Foundations - ALX Africa
- Frontend Web Development - ALX Africa
- Freelance Academy - ALX Africa
- AI Essentials - Moringa School
- Digital Marketing & SEO - Ajira Club Machakos University
- McKinsey Forward Program

TOOLS, PROFESSIONAL & TECHNICAL SKILLS

HTML · CSS · JavaScript · SASS · TailwindCSS · Bootstrap · Git · React JS · GitHub · VScode · REST APIs · UI/UX · Generative AI · WordPress · SEO

- **Leadership**
- **Effective Communication**
- **Empathy**
- **Teamwork**
- **Problem Solving**
- **Critical Thinking**
- **Adaptability**

PROFESSIONAL SUMMARY

A passionate software engineer with a BSc. in Mathematics and Computer Science, and a strong foundation in leadership, empathy, communication, and collaboration. I specialize in designing and building user interfaces of web applications that blend clean, scalable and maintainable code with intuitive and visually engaging UI. I am committed to continuous learning and career excellence while advancing both professional and technical skills.

WORK EXPERIENCE

ALX Africa (Remote) — JAN - SEP 2025
- Developed 5 web applications using HTML, CSS, TailwindCss, JavaScript, and React.
- Applied agile methodologies in remote team collaborations and pair programming sessions.
- Designed wireframes and mockups with Figma and Miro, prioritizing intuitive UI and accessibility.

Machakos University — ICT Department — MAY - AUG 2024
- Provided technical support to faculty and students, resolving hardware/software issues across departments increasing operational efficiency.
- Led the maintenance and setup of computer labs, enhancing network connectivity and device functionality for improved user experience.
- Troubleshot LAN/WAN configurations and software installations, enhancing network reliability and minimizing downtime..

Independent Electoral and Boundaries Commission (IEBC) - Polling Clerk — 2022 AUG
- Oversaw voter verification, ballot issuance, and data entry at a polling station serving over 1,000 voters.
- Ensured strict adherence to electoral laws, promoting transparency, fairness, and voter confidence.
- Facilitated collaboration with polling officials to ensure seamless logistics and conflict-free operations.
- Demonstrated integrity, confidentiality, and leadership throughout the electoral process.

PROJECTS

- **Konnect App (Fourth year Project):** Designed and developed user interface for Konnect App, a ride-hailing application developed to solve local transportation challenges within Campus environs.
- **Weather Dashboard (ALX capstone project):** A weather application that that allows users to search and view real-time weather data for cities worldwide.. Integrated the OpenWeather API to fetch and display data such as temperature, weather conditions, and location details. My role focused on building a responsive user interface, handling user input, managing API responses, and ensuring the app worked well across different screen sizes.

REFERENCES

Mr. Mark Mwendwa
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