

Sandra Akech

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LinkedIn: [Sandra Akech](#) | **GitHub:** [Akech-sandra](#)

Portfolio Website: [My Portfolio](#) | **Location:** Kampala, Central Uganda.

Professional Summary

Innovative and results-oriented Software Developer skilled in full-stack development. Proficient in creating intuitive user interfaces, optimizing system performance, and delivering high-quality, user-centric solutions using Python, JavaScript, Django, and React. Passionate about collaboration and continuous learning to address complex challenges.

Technical Skills

Languages: Python, JavaScript, HTML, CSS

Frameworks: Django, React, Bootstrap, WordPress, Node.js, Tailwind CSS

Databases: MySQL, PostgreSQL, SQLite

Tools: GitHub, Figma, Netlify, Firebase, Chrome DevTools, Postman, Canva, Adobe Photoshop

Methodologies: Scrum, Agile

Soft Skills: Problem-solving, Leadership, Critical Thinking, Teamwork, Communication

Professional Experience

Frontend Developer - Otic: Africa's AI-Powered Marketplace | April 2025

- Crafting intuitive, responsive interfaces for Otic's AI-driven marketplace to optimize user engagement and cross-device accessibility.

Frontend Developer - Otic Institute of Emerging Technologies (OIET) Website | March 2025

- Redesigned the Otic Institute website to showcase its mission and programs through optimized functionality, interactive features, and responsive design.

Frontend Developer – Online Exam Monitoring System | Sept 2024 - Dec 2024

- Developed advanced proctoring and secure browser features.

Full-Stack Developer – Big Art Ug E-Commerce Platform | Jun 2024 - Sept 2024

- Designed an e-commerce platform featuring secure payments and enhanced UX/UI.

Front-End Developer – Uplift Donor-Recipient System | May 2024 - Dec 2024

- Built a donation platform for donors and recipients with a streamlined UI/UX design.

Full-Stack Developer – DayStar Daycare Management System | Mar 2024 - May 2024

- Created a management system for daycare registration, payments, and schedules.

Education

Bachelor's Degree in Information Systems – Kyambogo University (April 2021 - Dec 2023)

Certificates: Python Development, AI Career Essentials – Refactory Academy & ALX (2024)

Advanced Certificates: Software Engineering, Data Science & Machine Learning – Refactory Academy (2024-2025)

Languages

English (Native), Luo (Native), Luganda (Fluent), French (Conversational)

References

1. Laura Kyongo

Partnerships & Placement Lead - Groundbreaker Talents, Uganda.

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2. Joan Twinomugyisha

Talent Management Officer - Refactory Academy, Uganda.

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