

ALAN LUTHER SHIHEMI AMALEMBA

Software Engineer

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PROFILE SUMMARY

A highly skilled Computer Science student with hands-on experience in software development, frontend engineering, and AI projects. Proven ability to create user-centric applications and collaborate effectively in cross-functional teams. Seeking a software engineering role to contribute to innovative, impactful solutions.

TECHNICAL SKILLS

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- **Frontend Development:** React.js, TypeScript, Tailwind CSS, HTML, CSS, JavaScript
 - **Backend Development:** Node.js, Express.js, MySQL, MongoDB
 - **Mobile App Development:** React Native
 - **UI/UX Design:** Figma
 - **Version Control:** Git, GitHub
 - **Operating Systems:** Linux, Windows
 - **Other programming languages:** Java, Python, C

WORK EXPERIENCE

Graduate Trainee - Frontend Software Engineer

LCT Africa, Nairobi (July 2024 – Present)

<https://www.lctafrica.net/>

- Contributing to the development of innovative frontend solutions.
- Collaborating in a cross-functional team to design and implement scalable software.

Software Engineer Intern

Thornsoft International Limited, Nairobi (May 2023 – August 2023)

<https://www.thorn-soft.com/>

- Led the design and development of a modern, user-friendly company website.
- Implemented a ticketing system to enhance client support and communication.

PROJECTS UNDERTAKEN

Paxmall Ecommerce Website

URL: <https://www.paxmall.net>

- Developed a fully functional Ecommerce website for Paxmall Enterprise.
- Implemented a seamless user experience, integrating payment gateways and product catalog management.

Neo AI

URL: <https://www.askneo.co/chat>

- Co-founded Neo AI Kenya (June 2023 – Present).
- Developed an AI-powered assistant for WhatsApp, enabling interaction via text, voice, and images.
- Built a web version to improve accessibility for a broader audience.

CodeCrafters Bootcamp

URL: <https://codecrafters-bootcamp.web.app/>

- *Co-founded CodeCrafters Bootcamp (May 2024 – Present).*
- *Created a platform for immersive software development training, focusing on frontend and backend technologies.*

SOFT SKILLS

- Problem Solving skills: Identified and fixed key bugs during development cycles, improving application stability.
- Teamwork and collaboration: Worked effectively in teams to deliver projects under tight deadlines.
- Critical and creative thinking
- Flexibility and adaptability
- Interpersonal and Communication skills

EDUCATION

Bachelor of Science (BSc) in Computer Science (September 2020 – Expected graduation: November 2024)

Egerton University, Njoro

- Active participant in Google Developer Student Clubs.

Kenya Certificate of Secondary Education (KCSE) (January 2016 – December 2019)

Kakamega School

- Attained A- grade
- Leadership roles: Physics Captain
- Participated in Mathematics contests and the Aviation Club

INTERESTS AND HOBBIES

- Software Development
- Video Editing
- Content creation
- Making Music

REFEREES

Please feel free to contact the under mentioned in regard to my competence for the job at hand:

Anthony Kipkoech

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