

Emmanuel Chalo

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PROFESSIONAL SUMMARY

I am a software engineer with a robust background in mathematics and physics, adept in multiple programming languages including Python, JavaScript, and C. My experience extends to cloud technologies, Linux servers, and automation tools. I excel in collaborative team environments and have a fervor for tackling intricate problems.

EDUCATIONAL BACKGROUND

Catholic University of Eastern Africa – Nairobi, Kenya

Bachelor of Education Science
September 2017 – March 2021

ALX School – Nairobi, Kenya

Software Engineering, Backend
March 2022 – May 2023

SKILLS & CERTIFICATIONS

- **Programming Languages:** C, Python, JavaScript, TypeScript, Bash Scripting
- **Frameworks and Others:** Flask, Django, Node.js, Express, React, OpenSSL, HashCat, Server-Side Administration

PROFESSIONAL WORK EXPERIENCE

Software Engineer (Contract)

Location (Equity Bank LTD. Nairobi, Kenya)
From March 2023 - Current

Software Developer

Key team member for a project that triumphed at the June 2023 Equity Bank Limited hackathon. The project centralizes management of Equity Bank scholars, leading to its adoption by the bank and subsequent contract for ongoing development.

Accomplishments

- Led the backend team in the initial design of the various endpoints.
- Help in bug fixing and app optimization.
- Part of the cloud deployment of the application.

Tools used: git, vscode, vim, heroku, AWS RDS – postgres, SQLite, Django, React, Redis, MySQL.

Links:

- [GitHub](#)
- [Heroku](#)
- [Vercel](#)

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