

Omutelema Silas Abel

PROFILE

I am a highly motivated and curious Engineering student with a huge desire to learn low-level systems design coupled with embedded systems. My passion for technology has pushed me to acquire new skills beyond just what is outlined under the B.sc. Mechanical Engineering degree curriculum, acquiring skills such as mobile development with React Native, blockchain and web3 development and Embedded Systems (with Arduino).

EXPERIENCE

**MECHANICAL ENGINEERING ATTACHE, NANAK CRANKSHAFTS — 2023 JAN - 2023 MAY
NAIROBI, KENYA.**

Applied Fluid Mechanics and Automotive knowledge acquired in class to access and repair faulty parts in customer's engines.

Wrote a report on the common causes of engine failures in automobiles operating within Nairobi city.

**JUNIOR FRONTEND INTERN, SPACEYATECH — 2023 AUG - 2023 NOV
NYERI, KENYA**

Maintained the open-source website built by SpaceYaTech organization using ReactJs and NodeJs.

Added new features to the website to enable users schedule on one calls with mentors across the country who are registered on the platform.

EDUCATION

Dedan Kimathi University, Nyeri, Kenya — Bsc. Mechanical Engineering 2026

SKILLS

- Low level programming with C and C++ programming languages
- Website and Mobile development with ReactJS and React Native

AWARDS & ACHIEVEMENT

ETHSafari & ImpactPlus Mpesa Hackathons: Won ETHSafari and ImpactPlus Hackathons for developing innovative blockchain-based solutions that enhanced financial transparency and efficiency.

ChamaDAO Founding and building: Part of the co-founders and builders of what would be a web3 based application for chama users in Kenya.

Microsoft Learn Student Ambassador (MLSA): Actively engaged in sharing knowledge and promoting technology education through organized sessions.