

OLIVER KIPKEMEI

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EDUCATION

BSc Mechatronics Engineering.

05/2018-12/2023

Dedan Kimathi University of Technology, Kenya

PROFESSIONAL EXPERIENCE

Africa Blockchain University

11/2021 - 02/2022

Web developer

Non-Profit organization that promotes Blockchain Adoption in Africa.

Worked with Paxful and Celo. We worked with companies like Paxful and Celo and we were able to integrate a PAXFUL shop and Celo website URL on the ABU website that enables ABU website visitors and partners to buy crypto securely. This increased Paxful and Celo customers

PROJECTS

1. Revenue Collection App I noticed my county government needed a platform where they can collect tax instead of going shop to shop every end month. This helps and improves tax collection by local government through easy tracking, avoids delays and penalties to shopkeepers.

https://github.com/OliverMengich/revenue_app

2. Decentralized Agricultural Marketplace. Using Solidity, React, JavaScript and MongoDB, I developed a decentralized agricultural marketplace that connects buyers and sellers in a peer-peer network where buyers can buy agricultural products and sellers can market their goods. Payment is done in cryptos. This helps remove chatters who act as middlemen, thus saving money to sellers.

https://github.com/OliverMengich/decentralized_agriculture_marketplace

SKILLS

- **Programming Languages:** JavaScript, HTML, CSS, Solidity, Python, C++
- **Frameworks:** ReactJS, NodeJS, APIs (REST, GraphQL)
- **Databases:** MySQL, MongoDB, Firebase, Redis
- **Cyber Security:** Linux, Windows, Networking, WIFI, IoT Hacking, Active Directory, Kerberos,
- **Tools:** Git, GitHub, Azure, DevOps

LEADERSHIP AND COMMUNITY INVOLVEMENT

- **Microsoft Learn student Ambassador** Collaborates with other student campus leaders globally to organize virtual and in-person events that have impacted many students globally.
- **MLSA Mentor** Mentored a 5-team group in a mentorship program organized by Student ambassadors. I was able to teach them the Web dev and provided resources.