Isaac Muchuma

Web 3 developer

About Me

I'm a passionate Web3 developer and Computer Science student with a deep interest in blockchain innovation. My work focuses on building decentralized applications and smart contracts, mainly across EVM and Stellar ecosystems. I enjoy exploring new protocols and contributing to the web 3 space.

Contact

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🌐 Egerton University,Nakuru

Skills

- Blockchain & Web3 Expertise: Smart contract development, EVM-based protocols, Stellar SDK integration, ICP canister deployment, tokenomics, decentralized identity ,wallet services

Language

Javascript   Motoko   Solidity

Typescript

Experience

Blockchain Developer – SwiftSend   **Jan 2025 – July**

- Designed and implemented the blockchain architecture using Stellar SDK.
- Integrated secure wallet services and transaction functionality.
- Collaborated with frontend and backend teams to ensure seamless Web3 integration.
- Optimized smart contract logic for performance and scalability.

ICP Ambassador – Internet Computer Protocol (Egerton University) 2024-2025

- Led weekly 10-week developer sessions, mentoring students from beginner to advanced levels in ICP development.
- Organized community events to promote decentralized computing and blockchain education.
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Stellar East Africa Ambassador   **2017 – 2018**

- Building projects on Stellar, including SwiftSend, a fintech MVP focused on fast and secure payments.
- Experimenting with Stellar SDK integrations and smart contract use cases to push what's possible in decentralized finance.
- Connecting with builders and helping others get started with Stellar's ecosystem.
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Education

Egerton University   **2023- present**

BSC in computer Science

Alchemy University   **Ongoing**

Web 3 development bootcamp