

# TIMOTHY MUNENE

## FULLSTACK WEB3 DEVELOPER

### CONTACT

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### TECHNICAL SKILLS

- Rust
- Solidity
- Javascript/Typescript
- Ethers JS
- Web3 JS
- Truffle Suite & ganache
- Foundry
- Anchor
- Near
- Node JS
- Tokenomics (Nft & fungible tokens)
- Cryptography
- IPFS
- Libp2p

### SOFT SKILLS

- Communication (English fluent)
- Time management
- Problem solving
- Self learning

### EDUCATION

#### Computer science

#### Kabarak university

2020-2024

A degree in computer science and Major in distributed systems, p2p, client server and cloud

### PROFILE

I'm motivated a full-stack developer from Kenya, Nairobi. I am proficient in solidity, and Rust and Javascript/Typescript I started my career and studies as a full-stack developer, creating web2 applications on the server and front end. Leveraging my understanding and passion for distributed systems, I Learned blockchain on my own focused on Ethereum and solidity. I was into the concept and the power it had to create not only software for people to use securely but also cyber-physical solutions. Today, I spent my time mostly working with Rust, catching up with the latest trends, and Creating decentralized applications. I can create dapps on Ethereum using Solidity, Rust Solana, and Near. However, I'm always looking and trying to catch up with the latest trends. Further, I have competency in testing and connecting apps to frontends like React JS. I use Truffle, hardhat, near-cli, or Foundry to bootstrap projects and conduct thorough tests.

### WORK EXPERIENCE

#### Frontend & designer

Pullover 2024

I have created a critical part of a system and guided my peers through the thought process, which has helped simplify and smoothen the user experience and interactivity. I have implemented complex designs using React JS and further improved the performance of existing sites through testing and memoization. I have implemented caching to speed up user interactivity with applications boosting performance. I have fixed critical web vulnerabilities (XSS), (csrf) by testing input validation and session management in my applications during the testing phase, hence ensuring secure systems before deployment

**Final year project EDUKIT** 2023(september)-2024(january)

Blockchain developer

Having developed a strong passion for distributed systems and peer-to-peer applications. I challenged myself to work on an application that used blockchain to solve the corruption problem that had become prevalent in my country. I analyzed the situation and developed a solution that enabled students to receive their bursaries for studies without an intermediary from any third party. The app is live it can be assessed through my portfolio.

### EXPERTISE

- |                                  |   |
|----------------------------------|---|
| Solidity                         | Rust                                      |
| Ethereum                         | Foundry                                   |
| Node JS                          | React JS                                  |
| Truffle suite & ganache/ Hardhat | Smart contracts design and implementation |