

AFOLABI AYOMIDE EMMANUEL

Smart Contract Engineer



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📄 PROFILE

Smart contract engineer focused on building secure, production-ready blockchain systems. Experienced in Solidity development, EVM internals, and Foundry-based testing (including fuzzing and gas optimization). Built multiple on-chain applications across payments, identity, and trading systems, with strong emphasis on security, efficiency, and real-world usability.

🏠 ORGANISATIONS

ORYX

Student Team-lead

10/2025 – Present

Contributing to a blockchain-based bounty platform with on-chain reward mechanisms

PAYCRYPT

Developer

07/2025 – Present

- Building and maintaining smart contracts for on-chain payment systems
- Working on transaction execution and contract reliability

CYFRIN UPDRAFT

Student

01/2025 – Present

WEB3NOVA

Intern

03/2025 – 08/2025 | Nigeria

Internship

ADDITIONAL

- Strong understanding of EVM (storage, gas, calldata, execution flow)
- Experience integrating Chainlink oracles
- Active in Web3 development and open-source ecosystem

📁 PROJECTS

Veraflow

On-Chain Identity & Credit System (Avalanche)
Present

- Designed smart contracts for soulbound credential issuance and on-chain reputation scoring
- Built logic enabling collateral-free credit based on verifiable on-chain identity
- Implemented secure access control for credential issuance
- Integrated contracts with frontend for credential minting and verification

PAYCRYPT

On-Chain Payment Platform (Base)

07/2025 – Present

- Developed smart contracts for secure crypto payment processing
- Implemented transaction handling and user payment flows



SKILLS

Smart Contract Development

Solidity, EVM internals, contract architecture, upgradeable contracts, OpenZeppelin

Testing & Security

Foundry (unit, fuzz, fork testing), gas optimization, reentrancy protection, access control

Web3 & Integration

Ethers.js, Web3.js, contract scripting, frontend integration, deployment pipelines

Blockchain Concepts

DeFi primitives, payment systems, commit-reveal schemes, on-chain identity

- Focused on reliability and simplicity of on-chain payments

Bicvar [↗](#)

Private Trading System (Starknet)

Present

- Implemented commit-reveal scheme for private order submission using hash-based order masking
- Designed contract logic for delayed order reveal and matching
- Explored privacy-preserving trading mechanisms and MEV resistance

EduPay [↗](#)

Pay-per-Chapter Education Platform (Celo)

04/2026 – Present

- Built smart contracts for pay-per-use content access using stablecoin payments
- Implemented on-chain payment tracking and chapter-level access control
- Integrated MiniPay wallet for seamless user transactions

MEMEVIBE [↗](#)

Social NFT Mini App (Base)

04/2025 – 05/2025

- Built smart contracts for NFT minting and ownership
- Integrated Farcaster mini-app framework for social interaction
- Developed features for user engagement and on-chain content creation