

Emmanuel Doji

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Web3 Developer

Results-driven Web3 Developer with extensive experience in blockchain development, smart contract implementation, and full-stack web development. Specialized in building decentralized applications (dApps), integrating blockchain protocols, and optimizing Web3 user experiences. Passionate about creating innovative solutions that enhance blockchain adoption and usability. Strong expertise in cross-border payments, and Web3 developer tooling.

WORK EXPERIENCE

Blockfuse Labs

01/2024 – Present

Web3 Developer

- Lead Developer for Echoz Music: Designed and built an on-chain music streaming platform empowering independent artists by enabling fractionalized ownership of music shares. Integrated smart contracts for automated revenue sharing and transfers.
- Cross-Border Payment Infrastructure: Architected a blockchain-based dApp facilitating seamless crypto payments with instant fiat conversion, ensuring fast and compliant cross-border transactions.
- Pioneering USSD-Blockchain Integration: Exploring the implementation of a USSD interface for blockchain transactions, targeting the unbanked population and expanding Web3 accessibility.
- StarkNet Integration: Developing and optimizing smart contracts on StarkNet to leverage scalable and low-cost blockchain solutions.
- Web3 Wallet & dApp Integrations: Implemented seamless wallet connectivity with Wagmi, Viem, and ConnectKit, ensuring smooth user onboarding for both desktop and mobile users.
- Blockchain Developer Tooling: Researching and developing innovative blockchain tooling to streamline Web3 development user onboarding
- Developed an AI integration project with blockchain, enhancing user experience and streamlining interactions, achieving improved usability.

Independent Consultant

01/2021 – 01/2023

Frontend Developer

- Biometric Enrollment System (NIMASA): Developed a high-security biometric enrollment system with fault-tolerant architecture, ensuring 99.9% uptime and real-time monitoring.
- Depository Management System (Ministry of Justice): Built a scalable document management solution handling 1M+ legal documents, incorporating advanced search algorithms and real-time analytics.

EDUCATION

Bachelor's Degree in Management Information System

Covenant University

Ota, Nigeria

PROJECTS

Echoz Music (On-Chain Music Streaming)

Built a decentralized music platform allowing artists to sell music shares and earn from streaming revenue. Integrated Web3 wallet connections for seamless transactions. Deployed smart contracts for revenue disbursement and ownership transfers.

USSD-Blockchain Payment Integration (Research & Development)

Exploring innovative methods to allow blockchain transactions via USSD. Targeting mass adoption for Web3 in regions with low internet penetration.

STIM Token & PvP Game (Base Network)

Developed and deployed STIM smart contract on Base. Integrated a wallet connection system supporting MetaMask, Coinbase Wallet, Trust Wallet and social sign in. Built a mobile-first experience for Telegram-based PvP game.

VOLUNTEERING & LEADERSHIP

Blockfuse Labs

01/2025 - Present

Frontend Development/Web3 Mentor

Jos, Plateau

Mentoring beginners in frontend and Web3 development by providing hands-on training in HTML, CSS, JavaScript, Ethereum blockchain, account abstraction, Web3 frontend integration, and hackathon guidance, helping them build strong foundational skills in web development and web3 development.

SKILLS

Account Abstraction (EIP-4337), Blockchain Development, Blockchain Protocols, Cairo, Chainlink Oracle, ConnectWallet Kit, Cross-Border Payments, CSS3, Decentralized Applications (dApps), ERC1155, ERC20, ERC721, Ethers.js, Foundry, Full-Stack Web Development, Git, GitHub, Hardhat, HTML5, JavaScript/TypeScript, Music Streaming dApps, NFT Minting, React.js, Remix IDE, Reown AppKit, Smart Contracts, Solidity, Staking Pools, StarkNet, Thirdweb, Viem, Wagmi, Wallet Extensions, Web3 Developer Tooling, Web3 User Experiences