Ngoesina Ikechukwu

Backend & Blockchain Engineer
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Professional Summary

Backend and Blockchain Engineer with experience designing and implementing **scalable APIs, payment gateways, and decentralized platforms**. Skilled in **Node.js, GraphQL, and MongoDB**, with hands-on expertise in blockchain ecosystems including **AirDAO, Solana, BSC (BEP20), and TON**. Strong focus on **secure transactions, merchant integrations, and real-time automation**. Currently leading multiple live projects, including **Vscgames, DecentWork, KeyFusion, Codevia, and Argon**.

Technical Skills

- **Programming & Backend:** Node.js, JavaScript, TypeScript, Python, GraphQL, REST APIs, Express.js, Apollo Server

- **Databases:** MongoDB, PostgreSQL, Redis, Firebase

- **Blockchain & Web3:** Solidity, Web3.js, Ethers.js, AirDAO, Solana Web3.js, BSC (BEP20), TON

- **DevOps & Infrastructure:** Render, Digital Ocean, Docker, Nginx, GitHub Actions

- **Authentication & Security:** JWT, OAuth2, Encryption/Decryption, API Keys

- **Messaging & Automation:** Telegram Bot API, Telegraf, Axios, RabbitMQ

- **Version Control & Tools:** Git, GitHub, VS Code, Postman

- **Languages:** English (fluent)

Projects & Experience

2025 – Present

Vscgames – Digital Goods Ecosystem | *Backend Developer*

- Built a digital goods platform with merchant APIs, voucher automation, and Telegram commerce bots.

- Integrated APIs for Free Fire, PUBG, Razer Gold, Spotify, and Telegram Stars.

- Implemented retry logic for failed top-ups and secure voucher decryption.

Argon – Multi-Chain Payment Gateway | *Backend & Blockchain Developer*

- Developed a multi-chain payment gateway supporting AirDAO, Solana, BSC, and TON.

- Built GraphQL APIs for wallet connections, transfers, and payment verification.

- Used MongoDB for transaction persistence and reporting.

DecentWork – Decentralized Job Marketplace | *Backend & Blockchain Developer*

- Created a freelancing/job platform with blockchain-based escrow payments.

- Integrated Arweave for tamper-proof storage of job postings and contracts.

KeyFusion – Voucher Redemption Portal | *Backend Developer*

- Developed a secure voucher redemption system with encryption/decryption.

- Enabled merchant API integration for real-time voucher validation.

Codevia – Telegram Marketplace Bot | *Backend Developer*

- Built a Telegram bot marketplace for game vouchers and digital goods.

- Automated voucher sourcing, delivery, and merchant support tools.

2024

BIMBFA – Blockchain Identification Model | *Backend & Blockchain Developer*

- Built a blockchain-based naming and identification service on AirDAO.

- Enabled users to map usernames to wallet addresses for improved usability.

Recli – Blockchain-Powered Payment & Reward System | *Backend & Blockchain Developer*

- Developed a payment gateway rewarding users for waste management contributions.

- Connected buyers and sellers of recyclable materials using blockchain for transparency.

DAOME – Meme Coin Creation Portal | *Blockchain Engineer*

- Designed Solidity smart contracts with bonding curve pricing and fee distribution.

- Built backend APIs in Node.js and GraphQL for token creation and tracking.

Education

Bachelor of Engineering, Mechanical Engineering
University of Uyo, Uyo | 2017 – 2022

Achievements

- Delivered **10+ Telegram bots** for payments, trading, FX monitoring, and commerce.

- Deployed production-ready backends with **multi-API and blockchain integrations**.

- Strong experience bridging decentralized platforms with real-world commerce use cases.