

Emmanuel Chidi

Lagos, Nigeria | chidiemmanuel2005@gmail.com | +234 701 398 6449
github.com/Emmanuelmelvin | LinkedIn | X | Portfolio

EDUCATION

Federal University of Technology, Akure (FUTA)

Bachelor of Science in Computer Science

Akure, Nigeria
Expected Graduation 2027

- Activities: Sui on Campus Students Club (Technical Lead), AWS Builders Group (Technical Lead)

Abesan Senior High School

High School Diploma

Lagos, Nigeria
2016 – 2021

- Activities: STEM Club Member

EXPERIENCE

Community Innovation Hub (CIH)

Software Engineering Intern

Lagos, Nigeria
June – Oct. 2026

- Led a cohort of 15 learners through Python programming fundamentals and hands-on software development.
- Guided the cohort in building a newsletter website for updates on events and activities at the hub.
- Introduced Git and GitHub for version control and collaboration, alongside AI-assisted development workflows.

Cultured

Frontend Engineer · ALX Gig-at-a-Startup Project

Lagos, Nigeria
Nov. 2024 – June 2025

- Built React-based collector and curator portals for collecting African art and managing artists and artworks.
- Helped bring the platform to public beta, enabling early product testing with 10+ users.
- Collaborated with a five-person team to develop and deliver the platform.

OraFi

Founder, Full-Stack & Blockchain Engineer

Remote
Oct. 2025 – Present

- Founded a Web3 payment gateway on Sui, enabling merchants to accept cryptocurrency through payment links and hosted checkout.
- Engineered backend APIs and merchant payment workflows for on-chain transactions and digital-asset settlement.
- Built product infrastructure integrating blockchain interactions, token swaps, and merchant-facing payment experiences.

AWS Builders Group, FUTA

Technical Lead

Akure, Nigeria
Dec. 2025 – Present

- Co-led a bootcamp with six core team members, introducing 70+ students to AWS across Cloud Practitioner and Cloud Security tracks.
- Organised technical events and hands-on workshops to develop cloud skills and introduce cloud engineering career pathways.
- Delivered practical AWS demonstrations, including console navigation and static website hosting with Amazon S3.

Sui on Campus Students Club, FUTA

Technical Lead

Akure, Nigeria

- Onboarded students into Web3 and supported community learning while developing practical smart-contract experience.

PROJECTS

Chalkboard | *React, TypeScript, Node.js, Socket.IO, LiveKit, Google Cloud Run*

- Built a real-time collaborative digital canvas for interactive learning and shared thinking.
- Engineered multi-user state synchronisation and audio collaboration with Socket.IO and LiveKit.
- Developed Chalkboard Master, an AI teaching assistant designed to interpret voice and board activity.

WalrusDB | *TypeScript, Sui, Walrus, Seal*

- Built a high-level SDK simplifying integration of Seal encryption and Walrus decentralised storage.
- Abstracted cryptographic operations, key management, and blockchain interactions into developer-friendly APIs.

mBlob | *TypeScript, Web3, Monad*

- Built a lightweight decentralised blob-storage solution deployed in the Monad ecosystem.
- Engineered data persistence and retrieval workflows for decentralised environments.

Amygdala | *AI Agents, Decentralised Storage*

- Designed a decentralised memory layer for persistent, verifiable AI-agent memory across sessions.
- Developed data structures and retrieval pipelines for cross-platform agent state management; in development.

viit | *TypeScript, Git*

- Built a Git-inspired version control system for tracking changes across project files.
- Used viit to version-control its own codebase, demonstrating practical self-hosted development.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, SQL, HTML/CSS **Frameworks:** React, Vite, Node.js, Express

Backend & Data: REST APIs, MongoDB, PostgreSQL, Redis **Cloud & DevOps:** AWS, Docker, Git

Web3: Sui, Move, Walrus, Seal, smart contracts **AI:** Gemini, Amazon Bedrock, AI-assisted development