OVODO OHWOVORIOLE

Senior Full-Stack & Blockchain Developer

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https://www.github.com/ovodo

EXPERIENCE

Senior Full-Stack & Blockhain Developer

Tricode Pro Ltd

04/2023 - Present   Lagos, Remote

https://www.tricode.pro

- Spearheaded the development and launch of mobile and web applications using **React**, **React Native**, **Expo**, **MongoDB**, and **Redux**, improving development efficiency and product stability by **20%**.
- Designed and implemented a cross-border remittance smart contract on the **Sui blockchain**, enabling **trustless peer-to-peer money transfer** by matching senders and receivers based on payment preferences, enforcing SUI escrow lockups for security, and automating transaction finalization with multi-role support (sender, receiver, applicant), incentive mechanisms, and event-driven updates.
- Built a mobile meme-sharing app with micro-payment incentives using **React Native** and **Sui Move** smart contracts, combining social engagement with **crypto-based rewards**.
- Mentored junior engineers on **Move** programming, providing structured training on syntax, **smart contract architecture**, and best practices for a **secure** and gas-efficient development.

Full-Stack & Blockchain Developer

Stackup

11/2023 - 01/2025   Remote

https://www.tricode.pro

- Designed and implemented a decentralized **NFT marketplace** on the **Aptos blockchain**, enabling core functionalities such as minting, listing, bidding, and purchasing of NFTs with built-in rarity tiers, bidding logic, and marketplace fee handling, all while ensuring secure ownership transfer and access control via custom validation logic.
- Completed **50+ technical learning paths** in **Blockchain Development**, **Smart Contracts**, and **Web3**, achieving a **95% success rate** in assessments.
- Developed a decentralized multiplayer Rock-Paper-Scissors game using Move on the Aptos blockchain**, featuring full game state management, randomized computer moves, player matchmaking, event handling, and persistent scoring with test coverage for core gameplay logic.
- Architected a custom **HTTP server using Rust**, applying core concepts from Rust's standard library such as **TCP sockets, request parsing, and static file serving**.

Senior Front-End Engineer

Lazarus Network

03/2024 - 05/2024   Miami, Remote

https://lazarus.network

- Developed high-performance user interfaces with **Next.js**, accelerating product launches for **Web3** and Chrome extensions by **20%**.

SUMMARY

Versatile software engineer with 4+ years of expertise in full-stack development and blockchain technologies. Proven ability to rapidly adapt to new tools and frameworks, delivering high-impact solutions that improve efficiency, scalability, and user engagement.

CERTIFICATION

Software Engineering Job Simulation

JPMorgan Chase & Co.

11/10/2023

https://resume-six-kappa-53.vercel.app/cert

- Gained hands-on experience in software engineering through a simulation at a leading financial institution.

SKILLS

Full-Stack Development	Blockchain & Web3	Smart Contracts (Solidity, Move)	React, Next.js, Redux
Python, Django, Flask	JavaScript, TypeScript, Rust	AWS (EC2, S3), GCP	MongoDB, PostgreSQL, Redis
Docker, Git, CI/CD	UI/UX Design (Figma)	Agile Methodologies	Team Leadership & Mentorship

- Mentored **5 junior engineers**, improving team productivity by **30%** through knowledge-sharing sessions on **UI/UX** principles and code optimization.

Blockchain Developer

Overmind Network

📅 08/2023 - 02/2024   📍 Remote

🔗 https://www.tricode.pro

- Developed a sophisticated **payment streaming protocol** in Move language featuring **time-locked fund transfers**, with real-time pro-rata calculation of claimable amounts based on elapsed time, comprehensive **event tracking**, and multi-directional lookups for sender/receiver relationships—demonstrating expertise in handling complex financial **state management**, secure token transfers, and time-based financial primitives.
- Engineered a constant-product **AMM protocol** in Move that handles multi-asset pools, implements LP token mechanisms for liquidity provider incentives, and securely manages cross-asset swaps with comprehensive validation.
- Architected and implemented a secure **NFT lottery protocol** in Move, featuring **escrow functionality**, time-bound operations, and ownership validation mechanisms that ensured transaction integrity across participant interactions
- Ranked in the **top 20 out of thousands of developers** on the platform, leveraging the **Move** programming language for scalable decentralized solutions.

Web Development Facilitator

Project T-MAX

📅 01/2023 - 03/2023   📍 Benin City, Nigeria

- Trained **50+ students** in **HTML**, **CSS**, **JavaScript**, **React**, **Node.js**, and **MongoDB**, increasing their development productivity by **25%**.
- Advised on tool adoption, streamlining workflows and reducing project delivery times by **15%**.

Full-Stack Developer

Neroitech Inventions

📅 01/2021 - 12/2022   📍 Warri, Nigeria

🔗 https://niti.com.ng

- Designed and implemented user interfaces from **UI designs**, boosting user satisfaction by **20%** through improved usability and aesthetics.
- Built robust database systems integrated with **Google Sheets**, reducing data access errors by **25%**.

EDUCATION

Bachelor of Engineering (Mechanical Engineering)

University of Benin

📅 11/2009 - 11/2014   📍 Benin City, Nigeria

HOBBIES

Playing Musical Instruments

Listening to Music

PROJECTS

Lead Developer

The Bounty Hunter

🔗 https://github.com/ovodo/thebountyhunter

- A Blockchain game with **NFT** minting and in game currencies creating using **Solidity** and **Typescript**
- Won a $200 bounty for being among the top submissions in the **Game** category of the **Stackup.dev** Bounties.

Lead Developer

Sui Lockup

🔗 https://github.com/Ovodo/lockup/tree/integrations/backend

- A decentralized, **peer-to-peer (P2P) platform** designed to enable seamless, low-cost, and secure cross-border payments, leveraging **blockchain** technology to bypass traditional financial intermediaries and streamline global transactions in real-time.

Lead Developer

SuiAI

🔗 https://suiai.vercel.app

- A **Large Language Model** specifically tailored to solving questions,teaching, and improving developers on the **Sui Move** programming language.

Open Source Contributor

Solana Foundation

🔗 https://github.com/Ovodo/program-examples/tree/tokens/escrow/steel/tokens/escrow/steel

- Enhanced escrow and token swap examples using the **Steel** framework and **Rust**, with testing implemented via **Solana** bankrun.js and native **Rust**, improving code reliability by **25%**.
- Improved documentation for **Oracles** on **Solana**, reducing developer onboarding time by **30%**.

Audio Production ▲

Watching Movies