IDOWU DANIEL

FULL-STACK SOFTWARE DEVELOPER | SMART CONTRACT DEVELOPMENT

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PROFILE

Full-stack software developer with 4+ years of software development experience building web applications with JavaScript, TypeScript, React, Next.js, Node.js, APIs, and databases. Experienced in client-project delivery, Stripe integration, production troubleshooting, and live application improvements. Building hands-on Solidity and Foundry experience through smart contract portfolio projects, with a long-term interest in smart contract security.

TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, React, Next.js, HTML, CSS, Tailwind CSS, Redux, Zustand
Backend & data: Node.js, Express.js, REST APIs, PostgreSQL, Supabase, MongoDB, FastAPI
Blockchain: Solidity, Foundry, EVM fundamentals, ERC-20, DeFi mechanisms, Merkle proofs, EIP-712, multisig authorization, UUPS upgrade patterns
Tools & integrations: Git, GitHub, Docker, Vercel, Stripe, OpenAI/Gemini API integrations

SELECTED SMART CONTRACT PROJECTS

DeFi Stablecoin Protocol — Solidity, Foundry, OpenZeppelin, Chainlink. Built a collateral-backed stablecoin prototype with deposits, minting, redemption, health-factor checks, price-feed valuation, and liquidation logic. Repository

Merkle Airdrop — Implemented Merkle-proof eligibility checks, EIP-712 typed-data signatures, claim tracking, and duplicate-claim protection. Repository

Multi-Signature Wallet — Developed owner confirmation thresholds, transaction submission, confirmation revocation, and execution checks. Repository

Upgradeable Contracts — Explored UUPS upgrade flows, initialization, upgrade authorization, and state preservation. Repository

These are portfolio/learning projects, not audited production protocols.

PROFESSIONAL EXPERIENCE

Frontend & Integration Engineer (Contract) — EL-Moore | Sep 2026–Present

Develop frontend features for a real-estate investment and operations ecosystem, including property discovery, inspection bookings, referral workflows, dashboards, and API-integrated account experiences. Stack: Next.js, React, TypeScript, REST APIs.

Full-Stack Developer — Rachamhub Logistics Workflow | Independent project

Independently designed and built a logistics workflow connecting customer orders, merchant fulfillment, and dispatch coordination. Stack: Next.js, Node.js, Supabase.

Software Developer — Global Relocate | Client project

Contributed late-stage features and client-requested improvements to a live international relocation platform, including Stripe integration and multilingual product improvements. Live website

Full-Stack Contributor — CartRoyal | E-commerce project

Contributed frontend and backend features to an e-commerce platform focused on Nigerian products and supporting wider product origins. Live website

Additional projects: Talk video conferencing app (independent final-year project), TekNote Pro notes application, AI Interviewer, Global Cost of Living API.

EDUCATION

Higher National Diploma (HND), Computer Science — Redeemer's College of Technology and Management, 2024–2026
National Diploma (ND), Computer Science — Redeemer's College of Technology and Management, 2020–2022