

Web & Mobile App Developer | Smart Contract Engineer

Full-stack developer skilled in building scalable web and mobile applications, designing and deploying Solidity smart contracts on EVM. Experienced in dApps, APIs, and blockchain integrations. Focused on performance, security, and scalable architecture.

PROJECTS

LockIn

Developed and designed a mobile **"97-Day Gamified Growth"** app that helps users stay consistent with their goals by tracking progress and storing proof of growth.

- Created an AI-driven curriculum generator (LAI) producing prerequisite mapping, and OpenAI/Claude API integration.
- Built AI-powered absence recovery and adaptive scheduling systems that respond to user behavior and learning patterns.
- Developed a background intelligence module for inactivity detection, automated 7-day recovery plans, and real-time push notifications to sustain engagement streaks.
- Implemented mentor matching and accountability pairing using skill-based networking, study groups, and predictive analytics with animated progress tracking.

GatePass

Developed a decentralized event ticketing platform that eliminates fraud and enables verifiable on-chain access.

- Built Solidity smart contracts minting ERC-721 NFT tickets with automated Proof of Attendance badges and **Web3 wallet integration** (MetaMask, WalletConnect).
- Architected a full-stack ticketing system using React, TypeScript, and Vite with a custom UI library, type safety, code splitting, and mobile-first responsive design.
- Developed an **offline-capable QR scanner** with cryptographic signature validation and secure PDF ticket generation for ticket verification without internet connectivity.
- Integrated **multiple payment gateways** (Paystack, Flutterwave, M-Pesa, and crypto wallets) with PCI-compliant processing, dynamic fee calculations, and multi-currency support (NGN, USD, GHS, KES, ZAR).
- Implemented geolocation-based event discovery with radius filtering (5-50 km), real-time analytics, and personalized proximity recommendations using the Geolocation API.

TraceDog

- Created a multi-dimensional **"Alpha Radar"** for opportunity discovery with interactive filters, voting, and a personal Alpha Vault tracking performance metrics.
 - Built an AI-powered trading intelligence platform delivering real-time alpha signals, confidence scores, and **contract security scans with rug-pull detection**.
 - Architected a production grade React (TypeScript, Vite 5) app with Tailwind v4, Radix UI, and Motion for responsive, high-performance animation.
 - Designed a social ecosystem with leaderboards, feeds, challenges, follow system, and a real-time, priority-aware notification center.
 - Developed a modular settings system for notifications, trading preferences, data sources, and appearance.
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SKILLS

Technical: JavaScript, TypeScript, Node.js, React.js, React Native, Solidity, Ethers.js, Hardhat, wagmi, RainbowKit

Soft Skills: Collaboration, Critical Thinking, Ownership, Research, Learning Mindset, Teamwork

EDUCATION

Electronic & Computer Engineering

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