

Skills

Core Languages: ● ● ● ● ●

Core Languages:

- Solidity
- JavaScript
- Move
- Typescript
- Rust
- Python

Blockchain ● ● ● ● ●

Expertise:

- Blockchain Cryptography
- Ethereum Node API
- DeFi & Yield Farming
- NFTs & Tokenization
- DAO Design

Tools: ● ● ● ● ●

Smart Contract:

Foundry, Hardhat, Truffle, Brownie, Remix, Soroban, Anchor.

Frontend/ Full Stack:

React.js, Next.js, Chakra UI, Web3.js, Ethers.js, Wagmi, Alchemy, Thirdweb.

Auditing:

Aderyn, Slither, MythX.

Other Skills:

- Leadership
- Technical Documentation
- Mentorship

Languages

English 

Education

Bachelor of Science

University of Nigeria

Therock Ani

Blockchain Engineer & Security Researcher, Web3 Advocate

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Profile

Blockchain Engineer and Developer Advocate with 5+ years of experience building production-grade Web3 systems and enabling developers to succeed on complex blockchain infrastructure. I specialize in bridging deep protocol engineering and the global developer ecosystem through clear technical communication, high-quality developer tooling, and hands-on education.

Smart Contracts & DeFi: Skilled in Solidity, Rust and Move, with expertise in designing, deploying, and securing gas-optimized smart contracts across EVM chains, Sui, Aptos, Stellar, Solana, Hedera, etc.

Backend & Infrastructure: Proficient in Node.js/TypeScript, API design, and scalable backend systems integrated seamlessly with smart contracts and decentralized storage (IPFS, Arweave).

Web3 Integrations: Experienced with ethers.js, Web3.js, Viem, Wagmi, Rainbowkit, Alchemy, and thirdweb for wallet connections, escrow flows, NFT minting, Dex and dApp interactions.

Security & Testing: Strong focus on smart contract auditing, vulnerability mitigation, and automated testing with frameworks like Foundry, Hardhat and Truffle.

Developer Experience & Evangelism: Proven ability to create high-impact documentation, tutorials, code examples, and technical content; confident public speaker and workshop facilitator. Strong at mentoring and answering technical questions in public forums.

Professional Experience

Frontend Engineer (Contract)

Selora (Fluent Network)

10/2025 – Present | Remote

- Developed and integrated the frontend for Selora, a ve(3,3) AMM and central trading/liquidity marketplace on the Fluent Network.
- Implemented wallet connectivity using RainbowKit, enabling multi-wallet support and mobile responsiveness.
- Leveraged Wagmi to manage smart contract interactions, ensuring seamless user experience across DeFi features.
- Contributed to a sustainable liquidity and governance system aligned with the ve(3,3) tokenomics model.

Awards

Marathon Winner

Meta school

2024

Developed a DEX that mints loyalty points for users completing multiple swaps. Integrated DeepBook for on-chain order execution.

Designed and deployed smart contracts to handle rewards and swaps

Hackathon Winner

Blockathon 2024

Led smart contract engineering, web built a Web3 bolt ride booking Dapp on Lisk

Prize Pot Winner

Q Blockchain

2024

Built a full DAO

Hackathon Winner

Hacker Earth

12/2025

Won the final round of Move FWD 2025 by building a Multi-Sig Treasury on Sui, Deployed and Verified On-chain with thorough unit tests and valid transactions to prove functionalities.

Hackathon Winner

ETH ENUGU 2025

Built an onchain P2P E-Commerce DApp that is fraud-proof

Smart Contract Auditor

Chain Bills

08/2025 – Present | Remote

Performed a comprehensive audit of the EVM (Solidity) contracts that power Chainbills' cross-chain payment gateway, focusing on payable creation, withdrawals, fee logic, and proxy upgrade patterns.

Identified security gaps in cross-chain messaging, token transfer safety, and upgradeability, including reliance on transferFrom instead of safer patterns, missing input checks, and potential bypasses in payable validation.

Recommended mitigations such as adopting safeTransferFrom/safeERC20, enforcing stricter access control, validating cross-chain data integrity, and strengthening upgrade proxy restrictions to prevent misconfiguration or malicious upgrades.

Assessed edge cases like zero-amount payables, unsupported tokens, and withdrawal fee enforcement; proposed fuzzing and unit test scenarios to catch these cases automatically.

Delivered clear documentation of findings and fixes that improved the protocol's resilience against reentrancy, logic bypasses, and token mismanagement.

Senior Smart Contract Engineer

HEIRZMAX LIMITED(Contract)

02/2025 – 09/2025 | Remote

- Designed and deployed secure smart contracts enabling tokenization of real-world physical assets.
- Developed a system allowing fractional ownership through ERC-20 tokens and automatic full ownership transfer using ERC-721 upon complete acquisition.
- Built mechanisms for profit distribution to multiple token holders .
- Architected an immutable yet adaptable contract system using upgradeable proxies and modular design, ensuring long-term flexibility without compromising security.
- Mitigated critical risks such as fraudulent claims or profit misallocation through rigorous access control and thorough auditing

Bootcamp Instructor

LISK BLOCKCHAIN

12/2024 – 02/2025

- Led a hybrid blockchain development bootcamp sponsored by Lisk Blockchain, designed to onboard Web2 developers into the Web3 ecosystem.
- Delivered beginner-friendly tutorials and hands-on training on smart contract development using Solidity, reflecting Lisk's shift to an EVM-compatible Layer 2.
- Taught frontend integration with Web3.js, Ethers.js, and Viem, enabling participants to build full-stack decentralized applications.
- Mentored over 100 developers, many of whom built projects that qualified for Lisk's incubation program.
- Created technical documentation and guided project-based learning to ensure lasting impact and adoption.

Key Strengths

- Performs very well under pressure, strong leadership, and problem-solving skills.

Certificates

Smart Contract Security Course

Cyfrin Updraft

Advanced Foundry Course

By Cyfrin Updraft

EVM Chain Certification

By Alchemy University

Advanced Web3 Wallet Security

Cyfrin Updraft

Solidity zero to expert

By Clarian North, Udemy.

Master DApp Development

By Clarian North, Udemy.

Crypto trading execution with flashloan

By Shaun McDonough.

Certified Ethical Hacking Course

Ethical Hacking University App

AI and Blockchain Development

Over 30 Web3 and AI courses on Meta School platform with Mainnet POK NFTs

Completed multiple advanced courses not listed here

Lead Blockchain Developer

TESTROGEN HUB(Contract)

01/2025 – 06/2025 | Remote

- Developed and deployed smart contracts tailored to client needs, ensuring security and efficiency.
- Led Web3 integrations, including advanced features like Account Abstraction for enhanced user experience.

Developer Relations & Blockchain Advocate

Freelance / Ecosystem Contributor

01/2022 – Present | Hybrid

- Organized and facilitated technical workshops for multiple blockchain ecosystems, successfully onboarding 500+ developers globally.
- Created developer-focused content including tutorials, documentation, and guides tailored to various Web3 stacks.
- Acted as a go-to technical resource, supporting developer communities with blockchain integrations, tooling, and architecture clarification.
- Collaborated with protocol teams and ecosystem partners to drive community engagement and adoption.

Chief Technology Officer

BIG DREAMS

02/2021 – 12/2024 | Onsite

Directed all ICT operations, overseeing infrastructure, digital strategy, and system integration.

Led the design and implementation of blockchain-based education solutions, introducing decentralized tools to enhance learning outcomes.

Developed and executed long-term technology strategies aligned with organizational goals.

Managed a cross-functional tech team and ensured compliance with best practices in security and innovation.

Selected Projects & Open Source

- Built and contributed to DeFi protocols including **AMMs (ve(3,3)), staking, lending, flash loans, options, and stablecoin systems**.
- Implemented **escrow funding, persistent storage models, and contract refactors** in open-source projects.
- Developed **Uniswap v4 hooks**, reward mechanisms, and composable liquidity components.
- **NFT marketplaces, auctions, licensing, governance tools**, and event passes (ERC-721).
- Created **gas-optimized token utilities**, batch transfer tools, and automation bots.
- Delivered full-stack dApps using **Solidity, Rust, Foundry, Hardhat, React, Next.js, Wagmi/Viem, RainbowKit, and Tailwind**.
- Collaborated with distributed teams via PRs, code reviews, and issue-driven open-source development.

Portfolio & live projects: <https://therock-ani.vercel.app/portfolio> ↗

Open-source contributions: <https://therock-ani.vercel.app/projects>

