

Luay Assallami

Blockchain Engineer

Smart Contract & Protocol Engineering · 80 USD/hr · Available · remote, contract · available immediately

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SKILLS

Solidity, Ethereum, EVM, Smart Contracts, DeFi, Hardhat, OpenZeppelin, TypeScript, Ethers.js, Node.js, Tokenization, Digital Assets, Settlement, ERC-20, ERC-721, EIP-2612, EIP-712, EIP-1271, Access Control, Smart Contract Security, React, Git, Linux

ABOUT

Blockchain engineer specializing in Solidity, EVM smart contracts, DeFi infrastructure, tokenization, and programmable settlement. I design and build secure on-chain systems involving digital assets, permissions, signature-based authorization, escrow, auctions, settlement workflows, and multi-contract architectures. My stack includes Solidity, Hardhat, OpenZeppelin, TypeScript, Ethers.js, Node.js, and React. I'm especially interested in DeFi protocols, institutional digital assets, tokenized financial systems, and security-focused smart contract engineering.

PROJECTS

Institutional Tokenization Platform

institutional-tokenization-platform.vercel.app

Solidity · Ethereum · EVM · Hardhat · TypeScript · OpenZeppelin · Ethers.js · Next.js · React · Node.js · Smart Contracts · Tokenization · Digital Assets · Settlement · Access Control · Automated Testing · Arbitrum

EVM-based platform for permissioned digital assets and programmable settlement. Designed modular Solidity contracts for asset issuance, identity/permissions, and settlement, including duplicate-settlement prevention, validation rules, event-driven state tracking, and automated testing. Built to demonstrate how institutional assets can move through controlled on-chain workflows.