

ABU OLUMI

Web3 Builder • Smart Contract Security Researcher • On-chain Intelligence Engineer

 @Olumi441

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TECHNICAL SKILLS

Languages

- Solidity • TypeScript • JavaScript • SQL

Frameworks & Tools

- Next.js • Node.js • Express
- Foundry • Hardhat • Git
- PostgreSQL • Vercel • Railway

Core Expertise

- Autonomous Agents
- Smart Contract Security
- On-chain Analytics
- Protocol Research
- Technical Writing
- DeFi • Cross-chain Infrastructure

ECOSYSTEMS

- Arc Network
- Base
- Celo
- Mantle
- Zama FHEVM
- LiteForge / LitVM
- Plume Network
- Yala Finance
- Caldera
- Espresso
- Miden Protocol
- Dango / Jumper x LiFi

KEY HIGHLIGHTS

- Built and shipped 6 live Web3 products
- Contributed across 12 blockchain ecosystems
- Security researcher with disclosed protocol vulnerabilities
- Open-source contributor and technical writer
- Experienced in building autonomous AI agents and on-chain intelligence systems

PROFESSIONAL SUMMARY

Independent Web3 builder specializing in autonomous agents, on-chain intelligence, and smart contract security. Built and shipped 6 live products across 12 blockchain ecosystems, conducted protocol security research, and contributed open source, technical documentation, and long-form ecosystem research. Passionate about building production-ready infrastructure that advances decentralized systems.

SELECTED PROJECTS

ArcSense

Arc Testnet • Arc Hackathon 2026

Autonomous block intelligence platform with a pay-per-query API powered by an on-chain AI agent.

CeloSense

Celo Mainnet

On-chain wallet intelligence agent leveraging MiniPay, x402 micropayments, and ERC-8004 identity.

Vein

LiteForge / LitVM

Real-time ecosystem intelligence dashboard powered by Blockscout APIs with zkLTC bridge monitoring.

Additional live products: BaseLens • Vantage • Umbra

SECURITY RESEARCH

Miden Protocol — Pre-Mainnet Security Audit

- Reported 6 findings across 5 crates.
- Identified a High Severity AggLayer bridge asset-locking vulnerability.
- Submitted via GitHub Security Advisories.

Espresso Foundation — Bug Bounty

- Discovered an access-control validation issue in RewardClaim.
- Submitted a Foundry proof of concept.
- Vulnerability acknowledged by the Espresso team.

OPEN SOURCE & ECOSYSTEM CONTRIBUTIONS

- Arc Network — Tier 1 Architect Ambassador.
- Celo — Merged documentation into the official Celo Docs repository.
- Plume Network, Yala Finance, Caldera — Long-term research and on-chain contributor.
- Published ecosystem research covering Arc, Dango, Jumper, and LiFi.

PUBLICATIONS

Dango Weekly Series

Jumper x LiFi Weekly Series

Building on Arc Research Series

Technical research focused on protocol architecture, autonomous payments, and cross-chain infrastructure.

PROFESSIONAL EXPERIENCE

Independent Web3 Builder & Researcher • 2023 – Present

- Built 6 production-ready Web3 applications across 12 blockchain ecosystems.
- Designed and deployed autonomous agents for on-chain intelligence and payments.
- Conducted smart contract security research and responsible vulnerability disclosures.
- Contributed to open source projects and ecosystem documentation.
- Created technical content and long-form research to educate and support builders.