

Abu Olumi

Smart Contract Security Researcher · Web3 Builder · Autonomous Agent Engineer

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PROFESSIONAL SUMMARY

Independent Web3 builder and smart contract security researcher specializing in autonomous on-chain agents. Built and shipped 7 live products across 22 ecosystems and protocols, conducted independent security research across 11 protocol engagements — including BNB Chain, Aztec Network, dYdX, Berachain, LI.FI, Miden, Relay Protocol, and Espresso — and contributed open source code, security documentation, and long-form ecosystem research.

TECHNICAL SKILLS

Languages

Solidity, TypeScript, JavaScript, SQL

Frameworks & Tools

Next.js, Node.js, Express, Foundry, Hardhat, Git, PostgreSQL, Vercel, Railway

Core Expertise

Smart Contract Security, Autonomous Agents, Protocol Research, On-chain Analytics, DeFi & Cross-chain Infrastructure

SELECTED PROJECTS

Salvage

[ETH + Base](#) · usesalvage.xyz

EVM stranded-asset recovery protocol. Finders earn 7% for surfacing lost assets; EIP-712 signatures and CREATE2-based receivers. Ships as a Base App Mini App.

ArcSense

[Arc Testnet](#) · [Arc Hackathon 2026](#)

Autonomous block intelligence platform with a pay-per-query API. Agent monitors every 5 minutes and pays from its own Circle wallet — zero humans in the loop.

CeloSense

[Celo Mainnet](#)

On-chain wallet intelligence agent leveraging MiniPay, x402 micropayments, and ERC-8004 identity (Agent ID 9228).

Additional live products: [Vein](#) · [BaseLens](#) · [Vantage](#) · [Umbra](#)

Miden Protocol — Pre-Mainnet Security Audit

June 2026

- Reported 6 findings across 5 crates ahead of the July 2026 mainnet launch, including a High severity AggLayer bridge asset-locking vulnerability.
- Submitted via GitHub Security Advisories; 1 finding remains open.

BNB Chain — Public Bug Bounty Program

Ongoing

- Ongoing independent research across BNB Chain's public bug bounty program.
- 10 findings submitted covering access control, validation, and edge-case handling.

LI.FI Protocol — Diamond Facet Contribution & Cantina Bounty

July – August 2026

- Findings credited by name in lifinance/contracts PR #2024 (EXSC-592).
- Separate systemic-risk finding submitted via Cantina, currently in mediation.

Espresso Foundation — Bug Bounty

May 2026

- Identified a missing zero-address validation in RewardClaim's access control.
- Submitted with a passing Foundry proof-of-concept; acknowledged by the Espresso team.

Additional completed reviews: Relay Protocol (settlement & vault contracts, Bitcoin bridge), Berachain (Proof-of-Liquidity), Aztec Network, dYdX, and Flop Network — findings submitted via private disclosure or public bounty programs.

OPEN SOURCE & ECOSYSTEM CONTRIBUTIONS

- **Arc Network** — Tier 1 Architect Ambassador.
- **Gno.land** — Official DevRel Ambassador.
- **Succinct** — PR to SP1 zkVM (succinctlabs/sp1) hardening TEE signer security.
- **Abstract Foundation** — Authored SECURITY.md responsible-disclosure policy for agw-contracts.
- **Celo** — Merged documentation into the official Celo Docs repository.
- **Plume Network, Yala Finance, Caldera** — Long-term research and on-chain contributor.

PUBLICATIONS

Dango Weekly Series — [6 Editions](#) · [Concluded](#)

Jumper x LiFi Weekly Series — [8 Editions](#) · [Ongoing](#)

Building on Arc — [Research Series](#)

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

PROFESSIONAL EXPERIENCE

Independent Web3 Builder & Security Researcher

[2023 – Present](#)

- Built 7 production-ready Web3 applications across 22 ecosystems and protocols.
- Conducted independent smart contract security research across 11 protocol engagements, including bug bounty submissions and private disclosures.
- Designed and deployed autonomous on-chain agents for intelligence, payments, and asset recovery.
- Contributed to open source projects, security documentation, and ecosystem tooling.
- Created technical content and long-form research to educate and support builders.