

SENIOR WEB3 SECURITY ENGINEER & FULL STACK WEB3 DEVELOPER

KASSY OLISAKWE

Protocol security, smart contract review, Web3 product engineering, and AI-assisted security workflows.

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PROFILE

WEB3 SECURITY ENGINEER WITH BUILDER CONTEXT.

Senior Web3 security engineer and full-stack Web3 developer with experience across smart contract audits, protocol risk, backend systems, frontend trust boundaries, payment flows, wallet infrastructure, and production blockchain products. I combine manual review, attacker thinking, engineering judgment, and AI-assisted review workflows to identify risks that matter in real systems.

IMPACT

350+
PROJECTS
SECURED

75+
SYSTEMS
BUILT

150+
PRIVATE
AUDITS

100+
VERIFIED
FINDINGS

\$250k+
PUBLIC
EARNINGS

10+
YEARS IN
WEB3

CORE SECURITY SIGNAL

Security

- Recorded 100+ verified findings across public audits and bug bounty competitions on Cantina, Code4rena, Sherlock DeFi, HackenProof, and related platforms.
- Completed 150+ private audits across token systems, staking flows, DeFi mechanics, NFT contracts, and protocol integrations.
- Generated \$250,000+ from public bug bounty and audit competition platforms through high-signal vulnerability research.
- Reviewed proof-of-reserve, liquidity, whitelist, KYC, token, payment, and operational systems for Web3 risk.

Development

- Built full-stack Web3 systems, smart contracts, wallets, token infrastructure, and production blockchain applications.
- Worked across payment rails, card systems, banking integrations, stablecoin flows, and financial-service product requirements.
- Developed Utribe wallet flows that allow users to buy gold-backed tokens using stablecoins and payment rails.
- Shipped Web3 applications across Ethereum, Polygon, Solana, and EVM-compatible networks.

PROFESSIONAL EXPERIENCE

Tech Lead / Head of Smart Contract Development & Security - Utribe

2023 - Present

- Lead full-stack blockchain development, smart contract security, wallet infrastructure, security policy review, and launch readiness.
- Built wallet and gold-backed token purchase flows using stablecoins, payment rails, token infrastructure, liquidity systems, and proof-of-reserve tooling.
- Audited internal security policies and reviewed operational controls to improve production readiness.

Blockchain Project Manager (Contract) - Coinbase

Aug 2022 - Nov 2023

- Managed Coinbase One workstreams around fee-free trading, security expectations, and broader product rollout.
- Supported international expansion work while maintaining compliance, operational security, and partner coordination standards.
- Oversaw blockchain analysis and smart contract audit activity focused on vulnerability identification and risk mitigation.

Owner / Head of Aurora Web3 - Aurora Web3

2020 - Present

- Led Web3 architecture, implementation, product security review, deployment, and post-launch iteration for client projects.
- Built and shipped Web3 applications across Ethereum, Polygon, Solana, and other EVM-compatible networks.

Blockchain Developer - Interexy / Freelance

2017 - 2023

- Built 75+ Web3 projects from scratch at Interexy across Ethereum, Solana, DApps, client-facing products, and smart contracts.
- Provided NFT, smart contract development, and audit services for 315+ freelance clients, including repeat clients.

SECURITY METHOD

Manual Review First

I read the contracts, understand the product, map how value moves, define invariants, and identify where assumptions can break before automation is trusted.

Always-On Review

After the manual layer is clear, custom agents replay and extend the review pressure across code, design, dependencies, edge cases, and changing risk.

Signal Triage

AI can generate noise quickly. The value is knowing what is exploitable, what is theoretical, and what needs to become an engineering fix.

SELECTED REPORTS & PROJECT WORK

Selected Public Reports

Shareable

- Sablier Protocol - public audit report available through Chain-Sentry report repository.
- Stake-link - public audit report available through Chain-Sentry report repository.
- Swap Exchange - public audit report available through Chain-Sentry report repository.
- Additional private reports available only where NDA restrictions allow.

CANTINA CODE4RENA SHERLOCK HACKENPROOF FOUNDRY SLITHER

Consulting & Leadership

Web3 Teams

- Advised teams through Upwork, freelance channels, Aurora Web3, and Interexy on architecture, implementation strategy, and launch risk.
- Helped clients define technical scope, select chains, structure milestones, and reduce expensive mistakes before development started.
- Managed cross-functional conversations between founders, developers, designers, auditors, and business stakeholders.

TECHNICAL STACK

Security + Protocol

- Solidity, Foundry, Hardhat, Slither, Remix, OpenZeppelin, EVM tooling, invariant testing, threat modeling, access-control review, report writing.
- Protocol risk, smart contract audits, frontend trust boundaries, backend services, payment flows, wallet systems, operational infrastructure.

Engineering + Delivery

- React, Next.js, JavaScript, TypeScript, Node.js, APIs, Web3 integration, token infrastructure, payment rails, card systems, banking integrations.
- GitHub, Bitbucket, Slack, Discord, Jira, Google Workspace, remote delivery, technical documentation, stakeholder communication.

TARGET ROLES

SENIOR WEB3 SECURITY ENGINEER SMART CONTRACT AUDITOR PROTOCOL SECURITY ENGINEER FULL STACK WEB3 DEVELOPER SECURITY-FOCUSED TECH LEAD
WEB3 SECURITY CONSULTANT

Selected Project Work

Portfolio

- Utribe wallet - wallet and gold-backed token purchase flow using stablecoins and payment rails.
- Bloktopia - notable Web3 project implementation and support.
- Enjin - project lead experience on Web3 product systems.
- Unilend - blockchain and decentralized finance project work.
- SGMVerse - gaming, investment, social, and Web3 product work.

AI + Security Background

Automation

- Background in neuroscience and artificial intelligence, including AI-focused published writing.
- Uses custom agents to support continuous review, monitoring, and reasoning over critical smart contracts.
- Focuses on human-led security judgment amplified by automation, not blind reliance on generated reports.