

Empowering Safer Web3 Identity Through Smart Contract Audits

This case study highlights how HuboExperts helped Unstoppable Domains fortify their Web3 ecosystem through a comprehensive smart contract audit, improving code integrity, security readiness, and user trust.

250+

Smart Contracts Audited
Across Chains

99%

Vulnerability Remediation
Success Rate

40%

Faster Audit
Turnaround

0%

Post Audit
Security Incidents

About Unstoppable Domains

Unstoppable Domains is a global Web3 identity platform that allows users to own blockchain-based domain names. With millions of decentralized domains registered on Ethereum, Polygon, and Zilliqa, they're shaping the next era of digital identity and Web3 ownership.

Industry	Blockchain / Web3 Identity
Company size	50-100
Headquarters	San Fransisco
Platform	<u>Ethereum</u>

Client Objectives

Unstoppable Domains wanted to ensure their smart contracts remained secure, transparent, and scalable as they expanded integrations across multiple blockchains. The goal was to create a repeatable audit process that not only verified code safety but also improved internal collaboration between developers and compliance teams.

Key objectives included:

- Conducting multi-chain smart contract audits (Ethereum, Polygon, BNB).
- Identifying and mitigating high-severity vulnerabilities before deployment.
- Implementing a centralized reporting dashboard for audit progress and results.
- Enhancing investor confidence through documented security transparency.

Solutions Provided by HuboExperts

HuboExperts partnered with the Unstoppable Domains engineering team to build a custom audit framework that combined automated scanning tools with manual validation and smart reporting.

Our team:

Conducted automated scans using Slither, Mythril, and SmartCheck to detect common vulnerabilities.

Performed manual code reviews of over 8,000 lines of Solidity smart contracts.

Categorized vulnerabilities by severity level and provided immediate remediation steps.

Integrated the audit lifecycle into HubSpot dashboards for real-time tracking and executive visibility.

Major Challenges Faced by Unstoppable Domains

Before engaging HuboExperts, Unstoppable Domains faced several operational and technical challenges during their audit process:

Fragmented Audit Workflow: Multiple audit vendors worked in silos, making it hard to maintain unified visibility.

Lack of Version Control: Security findings were tracked manually across spreadsheets, creating inconsistencies.

Time-Intensive Review Cycles: Developers had to manually cross-verify fixes across networks, delaying deployments.

Limited Transparency: Leadership teams lacked real-time insights into audit progress and open issues.

HuboExperts' Approach

To address these challenges, HuboExperts implemented a structured 3-phase smart contract audit methodology that combined deep blockchain expertise with transparent project management inside HubSpot.

Phase 1 — Automated Vulnerability Scanning

Using tools like Slither, Mythril, and SmartCheck, we conducted initial vulnerability assessments to identify logical, arithmetic, and security flaws across all deployed and staging contracts.

Phase 2 — Manual Code Review

Our team of blockchain auditors performed line-by-line analysis of Solidity code, validating inheritance logic, fallback functions, and modifier structure.

Special attention was given to reentrancy, overflow, and access-control mechanisms to ensure contract stability and trust.

Phase 3 — Audit Workflow Automation via HubSpot

Findings were categorized by severity and logged into a HubSpot-integrated Audit Dashboard, giving Unstoppable Domains real-time visibility into audit progress, remediation actions, and version tracking.

Implemented Solution

HuboExperts created a unified Smart Contract Security Dashboard that centralized all audit data, version histories, and remediation notes, ensuring every stakeholder had clarity on project health and risk levels.

Key deliverables included:

Vulnerability Categorization Dashboard for Critical, High, and Medium findings.

Remediation Tracker integrated with the client's GitHub for direct issue mapping.

Audit-Ready Reports summarizing vulnerabilities, fixes, and post-validation results.

Release Management View highlighting contracts ready for mainnet deployment.

This ensured every smart contract went live with zero known vulnerabilities and full internal sign-off.

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Results and Impact

The collaboration between HuboExperts and Unstoppable Domains delivered measurable technical and operational improvements across audit speed, transparency, and security assurance.

Quantitative Outcomes

Metric	Before HuboExperts	After HuboExperts
Audit Completion Time	12–15 Days	7–9 Days
Vulnerability Closure Rate	65%	99%
Audit Visibility	Manual Reports	Real-Time HubSpot Dashboard
Deployment Readiness	Fragmented	Streamlined, 100% Secure

Qualitative Impact

- Improved cross-team coordination between blockchain engineers, compliance officers, and product owners.
- Built investor confidence through transparent and data-backed security documentation.
- Enabled faster and safer multi-chain deployments with no post-audit incidents.

Ready to strengthen your Web3 security posture? Schedule your free audit consultation with HuboExperts today!



DIV TULI

Founder - HuboExperts

div@huboexperts.com
(+91) 9050055400
www.huboexperts.com



WEB3.0

SMART CONTRACTS

BLOCKCHAIN

HubSpot

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