OXSCANS

PULSE AI

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OVERVIEW

This audit has been perpared for 'PULSE AI' to review the main aspects of the project to help investors make an informative decision during their research process

You will find a summarized review of the following key points:

- Contract's source code
- Owner wallets
- Tokenomics
- Team transparency and goals
- Website's age, code, security and UX
- Whitepaper and roadmap
- Social media and online presence

Table of Content

General Information

PULSE AI

Name	PULSE AI

General Information

Tokenomics

Contract Address	0xdc7d16b1e7c54f35a67af95d5a6eecaec27b2a62

General Analysis

Audit Review Process

1. Testing the smart contracts against both common and uncommon vulnerabilities
2. Assessing the codebase to ensure compliance with current best practices and industry standards
3. Ensuring contract logic meets the specifications and intentions of the client
4. Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders
5. Thorough line-byline AI review of the entire codebase by industry

Token Transfer Stats

Transactions (Latest Mine Block)	Token holders	Compiler
1	525	v0.8.21

Smart Contract Stats

Functions	Events	Constructor
38	12	1

Detail Analysis

Threat Level

● High	Issues on this level are critical to the smart contract's performace/functionality and should be fixed before moving to a live enviroment
● Medium	Issues on this level are critical to the smart contract's performace/functionality and should be fixed before moving to a live enviroment
● Low	Issues on this level are minor details and warning that can remain unfixed
● Informational	Informational level is to offer suggestions for improvement of efficacy or secruity for fratures with risk free factor

Threat Level

● High	0 threats found
● Medium	0 threats found
● Low	2 threats found
● Informational	2 threats found

Detail Analysis

Vulnerability Check

🟢 19 Passed 🔴 2 Fail

- 🟢 Reentrancy
- 🟢 Flash Loans
- 🟢 Unused Code
- 🟢 Sybil Attack
- 🟢 Front Running
- 🟢 Oracle Issues
- 🟢 Logical Issues
- 🟢 Compiler Issues
- 🟢 Improper Events
- 🟢 Race Conditions
- 🟢 Unbounded Loops
- 🟢 Signature Issues
- 🟢 Ether/Token Theft
- 🟢 Integer Over/Underflow
- 🟢 Overall Contract Safety
- 🟢 Centralization of Control
- 🔴 Outdated Compiler Version
- 🟢 Arbitrary Jump/Storage Write
- 🟢 Improper Authorization Scheme
- 🟢 Delegate Call to Untrusted Contract
- 🔴 Dependence on Predictable Variables

Detail Analysis

Detail Analysis

🟢 19 Passed 🔴 2 Fail

CATEGORY	STATUS	NOTES
Reentrancy	🟢	The contract's functions are structured in a way that avoids reentrancy vulnerabilities.
Flash Loans	🟢	The contract does not interact with flash loan functions, making it unaffected by flash loan attacks.
Unused Code	🟢	The contract's code does not contain redundant or unused code, ensuring efficiency and reducing the attack surface.
Sybil Attack	🟢	The nature of the contract does not make it susceptible to Sybil attacks.
Front Running	🟢	The contract's design and functionality do not inherently facilitate front-running opportunities.

Detail Analysis

Detail Analysis 🟢 19 Passed 🔴 2 Fail

CATEGORY	STATUS	NOTES
Oracle Issues	🟢	The contract does not interact with oracles, thus not exposing it to oracle-related risks.
Logical Issues	🟢	No apparent logical issues or inconsistencies in the contract logic.
Compiler Issues	🟢	There is no direct mention of compiler issues being addressed in the provided source code.
Improper Events	🟢	There are no improper events detected within the contract code.
Race Conditions	🟢	No functions or patterns were found that could lead to race conditions.
Unbounded Loops	🟢	All loops in the contract have bounded conditions, avoiding risks of gas limit issues or denial-of-service.

Detail Analysis

Detail Analysis 🟢 19 Passed 🔴 2 Fail

CATEGORY	STATUS	NOTES
Signature Issues	🟢	The contract does not rely on external signatures, hence is not exposed to signature-related risks.
Ether/Token Theft	🟢	No functions are present that directly transfer Ether or tokens to arbitrary addresses in an unauthorized manner.
Integer Over/Underflow	🟢	The contract uses Solidity ^0.8.20 which has built-in overflow/underflow checks.
Overall Contract Safety	🟢	The contract follows general best practices and does not exhibit critical vulnerabilities.
Centralization of Control	🟢	No risk of centralization as the contract owner is a dead address.
Outdated Compiler Version	🔴	The contract does not specify the use of the latest compiler version, which can lead to potential vulnerabilities.

Detail Analysis

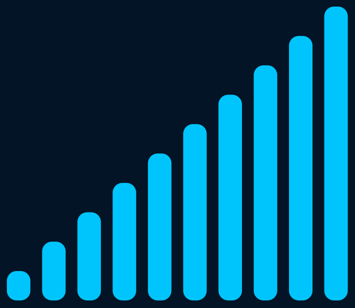
Detail Analysis 🟢 19 Passed 🔴 2 Fail

CATEGORY	STATUS	NOTES
Arbitrary Jump/Storage Write	🟢	The contract does not exhibit arbitrary jumps or storage writes, as it adheres to standard Solidity development patterns.
Improper Authorization Scheme	🟢	The contract uses ownership control in the form of Ownable, thus having a proper authorization scheme.
Delegate Call to Untrusted Contract	🟢	The contract does not perform delegate calls to untrusted contracts.
Dependence on Predictable Variables	🔴	The contract uses block.timestamp for enabling trading which can be manipulated by miners.

Market Analysis

Score

Total Audit Score



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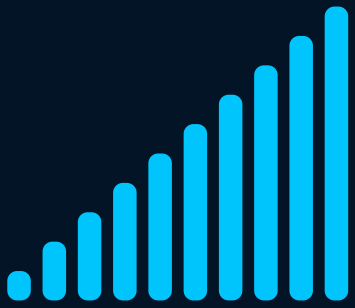
Security Score



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