



OXSCANS

# Joe Coin

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## OVERVIEW

This audit has been prepared for 'Joe Coin' 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

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# General Information

## Joe Coin

Joe Coin is a meme coin.

Name

Joe Coin

Category

Meme

Ethereum Ecosystem

Info

[Website](#)

[Telegram Bot](#)

# General Information

## Tokenomics

Ticker 0X76E222B07C53D28B89B0BAC18602810FC22B49A8

Network Ethereum

Contract Address 0x76e222b07c53d28b89b0bac18602810fc22b49a8

# 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)



1

Token holders



5435

Compiler



v0.8.21

## Smart Contract Stats

Functions



47

Events



8

Constructor



1

## Detail Analysis

### Threat Level

● High

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment

● Medium

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment

● 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 security for features with risk free factor

### Threat Level

● High

4 threats found

● Medium

0 threats found

● Low

1 threats found

● Informational

1 threats found

# Detail Analysis

## Vulnerability Check



16 Passed



5 Fail



Arbitrary Jump/Storage Write



Centralization of Control



Compiler Issues



Delegate Call to Untrusted Contract



Dependence on Predictable Variables



Ether/Token Theft



Flash Loans



Front Running



Improper Events



Improper Authorization Scheme



Integer Over/Underflow



Logical Issues



Oracle Issues



Outdated Compiler Version



Race Conditions



Reentrancy



Signature Issues



Sybil Attack



Unbounded Loops



Unused Code



Overall Contract Safety



# Detail Analysis

## Detail Analysis



16 Passed



5 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.
Centralization of Control		The contract contains centralized control mechanisms, as seen in the Ownable contract, which gives significant control to the owner.
Compiler Issues		Compiled with a recent Solidity version (0.8.21) with optimization enabled, reducing the risk of known compiler issues.
Delegate Call to Untrusted Contract		There is no use of delegatecall to an untrusted contract, mitigating risks associated with delegate calls.
Dependence on Predictable Variables		The contract does not rely on variables like block.timestamp or block.number in a way that affects core functionalities or security.

# Detail Analysis

## Detail Analysis



16 Passed



5 Fail

CATEGORY	STATUS	NOTES
Ether/Token Theft		No functions are present that directly transfer Ether or tokens to arbitrary addresses in an unauthorized manner.
Flash Loans		The contract does not interact with flash loan functions, making it unaffected by flash loan attacks.
Front Running		The contract may be susceptible to front-running attacks, as there are functions that interact with DEXs and no apparent measures to prevent front-running.
Improper Events		All critical functions emit events correctly, providing transparency and traceability.
Improper Authorization Scheme		The contract's authorization scheme is potentially risky due to centralization, relying heavily on the owner.
Integer Over/Underflow		SafeMath library is used consistently for arithmetic operations, mitigating risks of overflows and underflows.

# Detail Analysis

## Detail Analysis



16 Passed



5 Fail

CATEGORY	STATUS	NOTES
Logical Issues		No apparent logical issues or inconsistencies in the contract logic.
Oracle Issues		The contract does not interact with oracles, thus not exposing it to oracle-related risks.
Outdated Compiler Version		The contract uses a recent Solidity compiler version (0.8.21), which is not outdated.
Race Conditions		No functions or patterns were found that could lead to race conditions.
Reentrancy		The contract's functions are structured in a way that avoids reentrancy vulnerabilities.
Signature Issues		The contract does not rely on external signatures, hence is not exposed to signature-related risks.

# Detail Analysis

## Detail Analysis



16 Passed



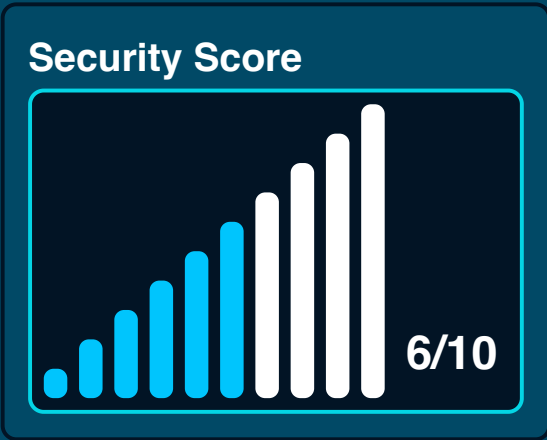
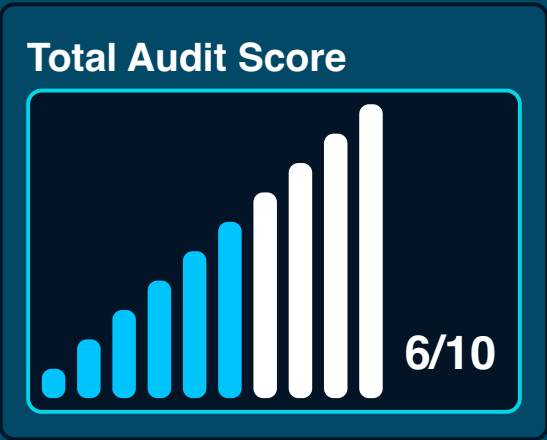
5 Fail

CATEGORY	STATUS	NOTES
Sybil Attack		The nature of the contract does not make it susceptible to Sybil attacks.
Unbounded Loops		The contract may contain unbounded loops that could lead to denial of service or gas limit issues.
Unused Code		The contract's code does not contain redundant or unused code, ensuring efficiency and reducing attack surface.
Overall Contract Safety		While the contract follows general best practices, the presence of centralization and potential front-running vulnerabilities reduce its overall safety.

# Market Analysis



## Score





## Legal Disclaimer

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