

expellee

Building the Futuristic Blockchain Ecosystem

SECURITY AUDIT REPORT



Pink Floki CEO

TABLE OF CONTENTS

02 Table of Contents

03 Overview

04 Project Description

05 Social Media Profiles

06 Contract Details

07 Owner Privileges

08 Testnet Version

10 Audit Methodology

11 Vulnerabilities Checklist

12 Risk Classification

13 Inheritance Tree

14 Function Details

16 Manual Review

17 Findings

18 About Expelee

19 Disclaimer

OVERVIEW

The Expelee team has performed a line-by-line manual analysis and automated review of the smart contract. The smart contract was analysed mainly for common smart contract vulnerabilities, exploits, and manipulation hacks. According to the smart contract audit:

Audit Result	Passed
KYC Verification	No
Audit Date	2 May 2023

PROJECT DESCRIPTION

Venturing Out To Create The Healthiest Meme Economy On Binance Smart Chain, Our Team Bred Pink Floki CEO.

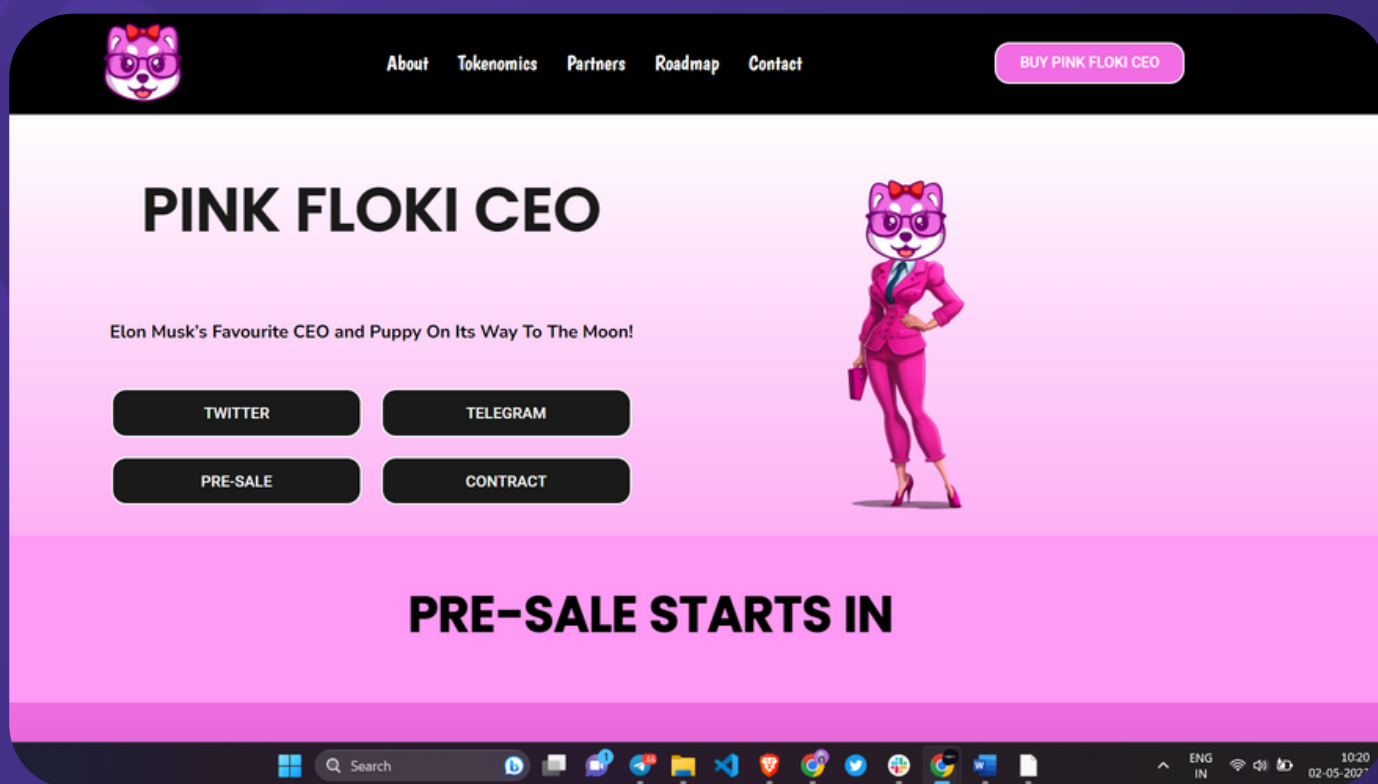
A Combination Of Bold Redness And The Greatest Of All Meme Glory, Pink Floki CEO Is Aimed At The Moon.

Coming Out Of The Box, Pink Floki CEO Is A Reflection Token, With HOLDR Rewards And No Buy Fees, Because Our Team Wants You Aimed At The Moon As Well.



SOCIAL MEDIA PROFILES

PINK FLOKI CEO



<https://t.me/pinkflokiceoofficial>



<https://twitter.com/pinkflokiceo>



<https://pinkflokiceo.com/>

It's always good to check the social profiles of the project, before making your investment.

CONTRACT DETAILS

Token Name: Pink Floki CEO

Symbol: PINKFLOKICEO

Network: Binance Smart Chain

Language: Solidity

Contract Address:

0xbd396937406680A6aCeeb8B1284eB89a2036463a

Total Supply: 1,000,000,000

Contract SHA-256 Checksum:

e0ba580e51d3e1535c876b0ef0612359bf8ebd01

Owner's Wallet:

0xc98AFC26544058554Dd7Cb51debb5A15DC7EA12D

Deployer's Wallet:

0xc98AFC26544058554Dd7Cb51debb5A15DC7EA12D

Testnet:

<https://testnet.bscscan.com/address/0xC99d0Bf66a8226cf1883dDb9CE5181336aB9f9A0#code>

OWNER PRIVILEGES

- Contract owner is not able to set total tax over 12.5%
- Contract owner is not able to change buy tax (0% always)
- Contract owner is not able to disable trades
- Contract owner is not able to blacklist an arbitrary wallet
- Contract owner is not able to mint new tokens
- Contract owner not able to set max tx amount less than 0.1% of total supply

TESTNET VERSION

Adding Liquidity

Tx:

<https://testnet.bscscan.com/tx/0x3b50a1ee702352a459ff09acc089e4dff39f5664286667b64b96babde156dd8f>

=====

Buying from a fee excluded wallet

Tx (0% tax):

<https://testnet.bscscan.com/tx/0xe639c5c3837d6157bc7cdfbfa251fac33591d693315960502f03da5db113762f>

=====

Selling from a fee excluded wallet

Tx (0% tax):

<https://testnet.bscscan.com/tx/0x256afe3fcc80b187d8d1db6447cec500a0fefec46218d8f9d99d44bc8b803ba1>

=====

Transferring using a fee excluded wallet

Tx (0% tax):

<https://testnet.bscscan.com/tx/0x3db7aa45d2e114ce0a49e461615ab0c72b067492ee705462c8e7f592ab678ed3>

TESTNET VERSION

Buying from a regular wallet ✓

Tx (0%):

<https://testnet.bscscan.com/tx/0x8fd32ef52b53bb6a0955e59a470af855a45dea843d73ecd0b423ce3d1ba1e10c>

=====

Selling from a regular wallet ✓

Tx (up to 12.5% tax, currently 10%):

<https://testnet.bscscan.com/tx/0x2c403b955b0b2a58ef4cc4692f39ed7e2b5b8838540ec0f8ae4e9ba75a914e6d>

=====

Transferring using a regular wallet ✓

Tx (up to 12.5% tax, currently 10%):

<https://testnet.bscscan.com/tx/0xa3d994dcefee0ced5c18a4c1f23749e2ed15169e81f15768e1dd92cf36856df5>

=====

Auto reward distribution, owner received tokens ✓

Tx:

<https://testnet.bscscan.com/tx/0xa3d994dcefee0ced5c18a4c1f23749e2ed15169e81f15768e1dd92cf36856df5>

AUDIT METHODOLOGY

Audit Details

Our comprehensive audit report provides a full overview of the audited system's architecture, smart contract codebase, and details on any vulnerabilities found within the system.

Audit Goals

The audit goal is to ensure that the project is built to protect investors and users, preventing potentially catastrophic vulnerabilities after launch, that lead to scams and rugpulls.

Code Quality

Our analysis includes both automatic tests and manual code analysis for the following aspects:

- Exploits
- Back-doors
- Vulnerability
- Accuracy
- Readability

Tools

- DE
- Open Zeppelin
- Code Analyzer
- Solidity Code
- Compiler
- Hardhat

VULNERABILITY CHECKS

Design Logic	Passed
Compiler warnings	Passed
Private user data leaks	Passed
Timestamps dependence	Passed
Integer overflow and underflow	Passed
Race conditions & reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front Running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed

RISK CLASSIFICATION

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

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

Medium Risk

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

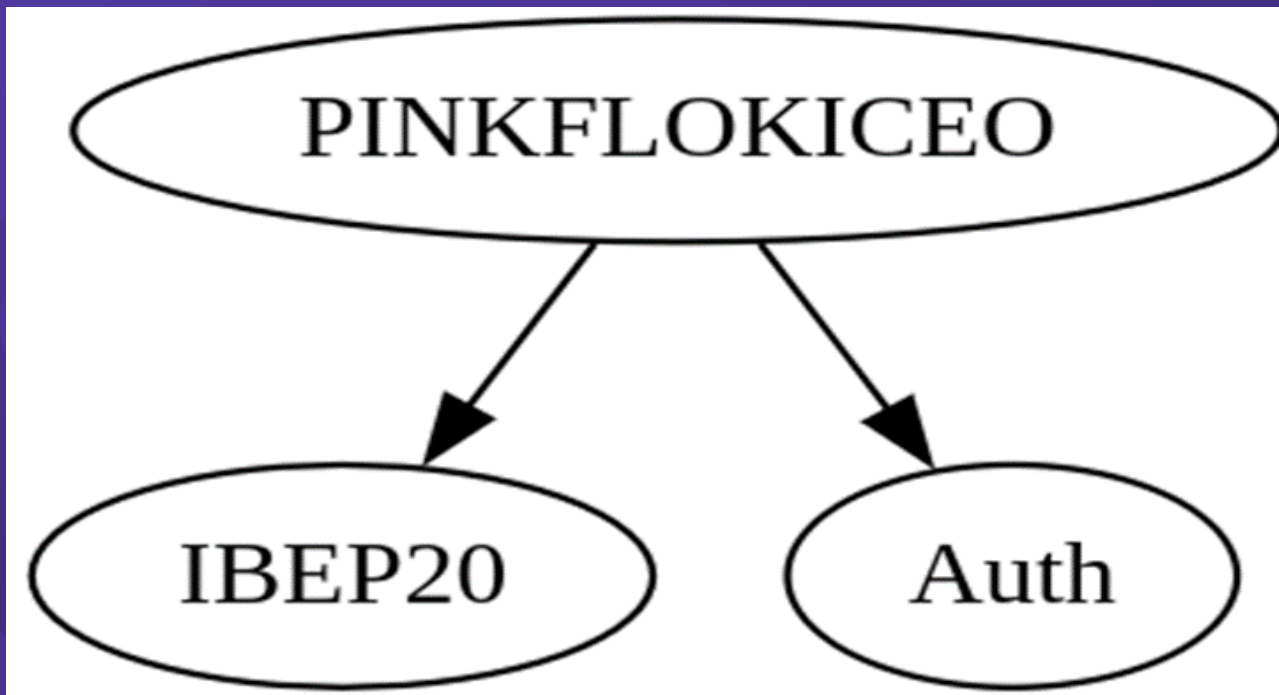
Low Risk

Issues on this level are minor details and warnings that can remain unfixed.



Informational

Issues on this level are minor details and warnings that can remain unfixed.



























































INHERITANCE TREES



FUNCTION DETAILS

Symbol	Meaning
	Function can modify state
	Function is payable

```

| Contract |      Type      |      Bases      |      |      | |
|---|---|---|---|---|---|
| L | **Function Name** | **Visibility** | **Mutability** | **Modifiers** |
|||||
| **SafeMath** | Library | |||
| L | tryAdd | Internal |  | | |
| L | trySub | Internal |  | | |
| L | tryMul | Internal |  | | |
| L | tryDiv | Internal |  | | |
| L | tryMod | Internal |  | | |
| L | add | Internal |  | | |
| L | sub | Internal |  | | |
| L | mul | Internal |  | | |
| L | div | Internal |  | | |
| L | mod | Internal |  | | |
| L | sub | Internal |  | | |
| L | div | Internal |  | | |
| L | mod | Internal |  | | |
|||||
| **IBEP20** | Interface | |||
| L | totalSupply | External |  | | NO  |
| L | decimals | External |  | | NO  |
| L | symbol | External |  | | NO  |
| L | name | External |  | | NO  |
| L | getOwner | External |  | | NO  |
| L | balanceOf | External |  | | NO  |
| L | transfer | External |  |  | NO  |
| L | allowance | External |  | | NO  |
| L | approve | External |  |  | NO  |
| L | transferFrom | External |  |  | NO  |
|||||
| **Auth** | Implementation | |||
| L | <Constructor> | Public |  |  | NO  |
| L | authorize | Public |  |  | onlyOwner |
| L | unauthorize | Public |  |  | onlyOwner |
| L | isOwner | Public |  | | NO  |
| L | isAuthorized | Public |  | | NO  |
| L | transferOwnership | Public |  |  | onlyOwner |
|||||
| **IDEXFactory** | Interface | |||
| L | createPair | External |  |  | NO  |
|||||
| **IDEXRouter** | Interface | |||
| L | factory | External |  | | NO  |
| L | WETH | External |  | | NO  |
| L | addLiquidity | External |  |  | NO  |
| L | addLiquidityETH | External |  |  | NO  |
| L | swapExactTokensForTokensSupportingFeeOnTransferTokens | External |  |  | NO  |
| L | swapExactETHForTokensSupportingFeeOnTransferTokens | External |  |  | NO  |
| L | swapExactTokensForETHSupportingFeeOnTransferTokens | External |  |  | NO  |
|||||

```


FUNCTION DETAILS

```

**IDividendDistributor** | Interface | |||
| L | setDistributionCriteria | External ! | ● | NO ! |
| L | setShare | External ! | ● | NO ! |
| L | addDividendShare | External ! | ● | NO ! |
| L | process | External ! | ● | NO ! |
|||||
**DividendDistributor** | Implementation | IDividendDistributor |||
| L | <Constructor> | Public ! | ● | NO ! |
| L | setDistributionCriteria | External ! | ● | onlyToken |
| L | setShare | External ! | ● | onlyToken |
| L | addDividendShare | External ! | ● | onlyToken |
| L | process | External ! | ● | onlyToken |
| L | shouldDistribute | Internal 🔒 | | |
| L | distributeDividend | Internal 🔒 | ● | |
| L | claimDividend | External ! | ● | NO ! |
| L | getUnpaidEarnings | Public ! | | NO ! |
| L | getCumulativeDividends | Internal 🔒 | | |
| L | addShareholder | Internal 🔒 | ● | |
| L | removeShareholder | Internal 🔒 | ● | |
|||||
**PINKFLOKICEO** | Implementation | IBEP20, Auth |||
| L | <Constructor> | Public ! | ● | Auth |
| L | <Receive Ether> | External ! | 🟢🟢 | NO ! |
| L | totalSupply | External ! | | NO ! |
| L | decimals | External ! | | NO ! |
| L | symbol | External ! | | NO ! |
| L | name | External ! | | NO ! |
| L | getOwner | External ! | | NO ! |
| L | balanceOf | Public ! | | NO ! |
| L | allowance | External ! | | NO ! |
| L | approve | Public ! | ● | NO ! |
| L | approveMax | External ! | ● | NO ! |
| L | transfer | External ! | ● | NO ! |
| L | transferFrom | External ! | ● | NO ! |
| L | _transferFrom | Internal 🔒 | ● | |
| L | _basicTransfer | Internal 🔒 | ● | |
| L | shouldTakeFee | Internal 🔒 | | |
| L | takeFee | Internal 🔒 | ● | |
| L | setTxLimit | External ! | ● | authorized |
| L | setIsDividendExempt | External ! | ● | authorized |
| L | setIsFeeExempt | External ! | ● | authorized |
| L | setIsTxLimitExempt | External ! | ● | authorized |
| L | setFees | External ! | ● | authorized |
| L | setDistributorSettings | External ! | ● | authorized |
| L | blacklist | Public ! | ● | authorized |
| L | updateTax | Public ! | ● | authorized |
| L | withdraw | Public ! | ● | authorized |

```


MANUAL REVIEW

Severity Criteria

Expelee assesses the severity of disclosed vulnerabilities according to methodology based on OWASP standards.

Vulnerabilities are divided into three primary risk categories:

High

Medium

Low

High-level considerations for vulnerabilities span the following key areas when conducting assessments:

- Malicious input handling
- Escalation of privileges
- Arithmetic
- Gas use

Overall Risk Severity				
Impact	HIGH	Medium	High	Critical
	MEDIUM	Low	Medium	High
	LOW	Note	Low	Medium
		LOW	MEDIUM	HIGH
	Likelihood			

FINDINGS

Findings	Severity	Found
High Risk	● High	0
Medium Risk	● Medium	0
Low Risk	● Low	0
Suggestion & discussion	● Informational	0
Gas Optimizations	● Gas Opt.	0

ABOUT EXPELEE

Expelee is a product-based aspirational Web3 start-up. Coping up with numerous solutions for blockchain security and constructing a Web3 ecosystem from deal making platform to developer hosting open platform, while also developing our own commercial and sustainable blockchain.

 www.expelee.com



expeleeofficial



expelee



Expelee



expelee



expelee_official



expelee-co

expelee

Building the Futuristic **Blockchain Ecosystem**

DISCLAIMER

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment. Team provides no guarantess against the sale of team tokens or the removal of liquidity by the project audited in this document.

Always do your own research and project yourselves from being scammed. The Expelee team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools.

Under no circumstances did Expelee receive a payment to manipulate those results or change the awarding badge that we will be adding in our website. Alway do your own research and protect yourselves from scams.

This document should not be presented as a reason to buy or not buy any particular token. The Expelee team disclaims any liability for the resulting losses.

The logo for Expelee, featuring the word "expelee" in a stylized font. The "ex" is in white, and "pelee" is in orange. The letters are bold and modern.

Building the Futuristic **Blockchain Ecosystem**