expelee

Building the Futuristic Blockchain Ecosystem

Security Audit Report

FOR

IQSKILL

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	Not Done
Audit Date	13 March 2023

PROJECT DESCRIPTION

IQSKILL

IQSkill is committed to providing a safe, secure, and inclusive learning environment for all learners and instructors.

The platform is designed to provide high-quality, affordable education to anyone, anywhere in the world, with a focus on personalized learning, flexibility, and community The courses on IQSkill are taught by expert instructors who are passionate about their subjects and committed to helping learners achieve their goals.

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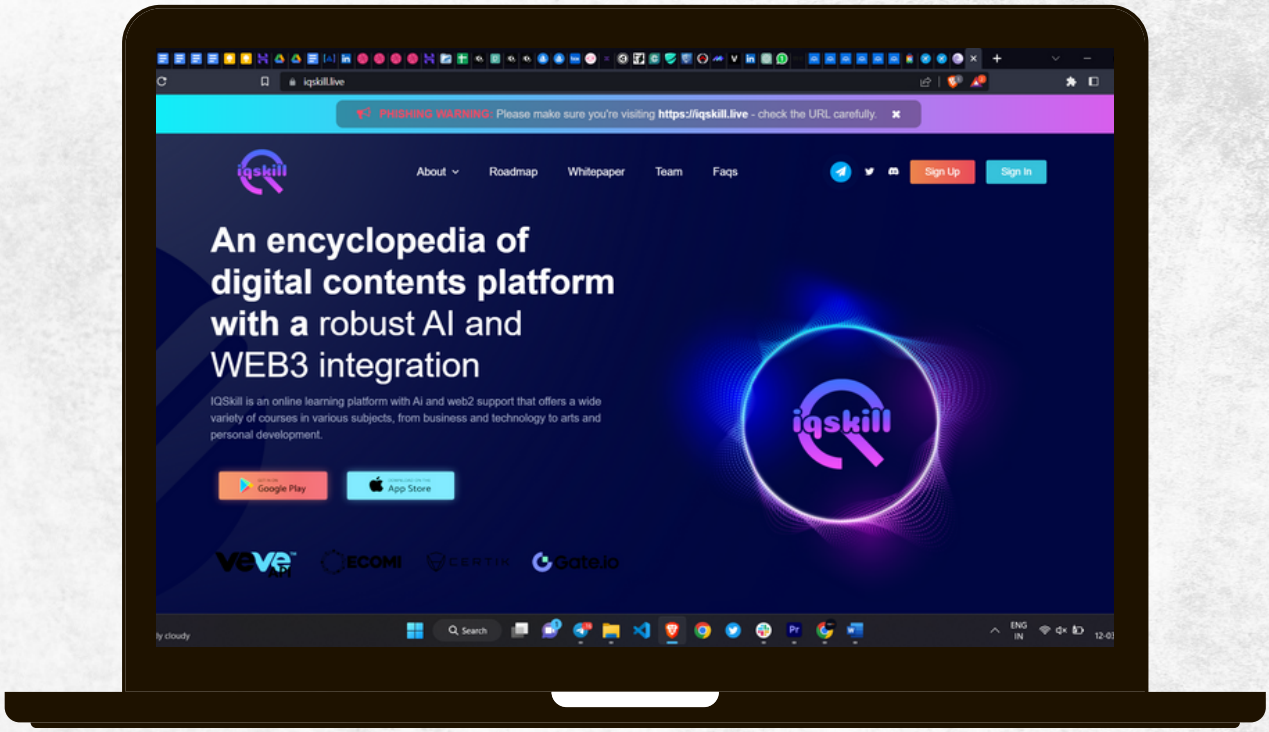
expelee.com

Social Media Profiles

IQSKILL



https://iqskill.live

https://t.me/iqskillofficial

https://twitter.com/IQSKILL_AI

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

-Team Expelee

CONTRACT DETAILS

Token Name
IQSKILL

Symbol
IQSKILL

Network
Arbitrum

Language
Solidity

Contract Address (Verified)
0x6aE7CF482606623B07D49787181336e0a6EC6b64

Token Type
ERC20

Total Supply
180,000,000

Contract SHA-256 Checksum:
1eaf696bbcd75887118a79975ffe9b5150f873f3

Owner Wallet
0xd93065BD3709ca4F5492ff8e61139585a5ce9c00

Deployer Wallet
0xd93065BD3709ca4F5492ff8e61139585a5ce9c00

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
- Complier
- Hardhat

FUNCTION OVERVIEW

Can Take Back Ownership	Not Detected
Owner Change Balance	Not Detected
Blacklist	Not Detected
Modify Fees	Not Detected
Proxy	Not Detected
Whitelisted	Not Detected
Anti Whale	Not Detected
Trading Cooldown	Not Detected
Transfer Pausable	Not Detected
Cannot Sell All	Not Detected
Hidden Owner	Not Detected
Mint	Not Detected

VULNERABILITY CHECKLIST

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp 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
Fallback function security	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 warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

AUDIT SUMMARY

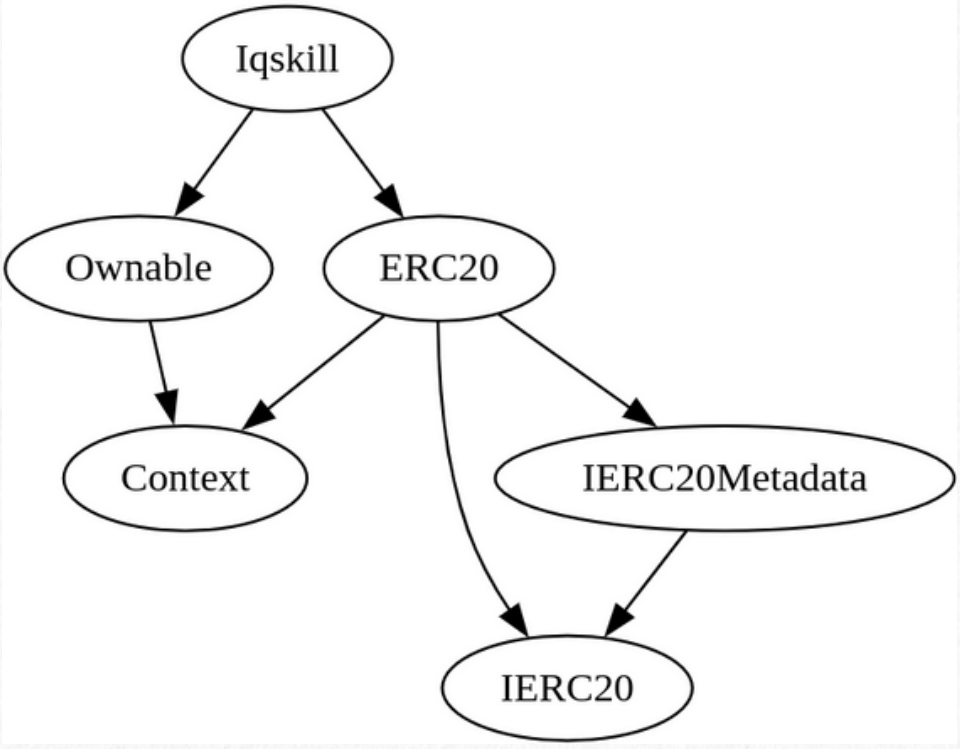
Used Tools:

1.Manual Review: The code has undergone a line-by-line review by the Expelee team.

2.BSC Test Network: All tests were conducted on the BSC Test network, and each test has a corresponding transaction attached to it. These tests can be found in the "Functional Tests" section of the report.

3.Slither: The code has undergone static analysis using Slither.

Inheritance Trees:



Summary:

- Owner is not able to set fees
- Owner is not able to set max buy/sell/transfer amounts
- Owner is not able to blacklist an arbitrary wallet
- Owner is not able to disable trades
- Owner is not able to mint new tokens
- Contract is a simple ERC20 token without extra functionalities

Functional Tests

0xD99D1c33F9fC3444f8101754aBC46c52416550D1

All the functionalities have been tested, no issues were found

1- Adding liquidity (passed):
https://testnet.bscscan.com/tx/0x5e2fc82ff6083606118e1f477639fb8ee42fdc71c7098dc7e27f69a468329dfe

2- Buying (0% tax) (passed):
https://testnet.bscscan.com/tx/0x47d859edfab9f6c1c39c866842b139afa96797f6eab37da9076c01d3282a80a1

3- Selling (0% tax) (passed):
https://testnet.bscscan.com/tx/0x793f42e5bbf3f49f0e7a0ef9ecf24d7e71d39013e9bada6528d703fa20d8df7d

4- Transferring (0% tax) (passed):
https://testnet.bscscan.com/tx/0x735fa116f4d21f2c1f39183f1da6d1673a950abfc86b21b1349bb68c4d32ed6e

MANUAL AUDIT

Severity Criteria

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

Vulnerabilities are divided into three primary risk categories: high, medium, and 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

- High Risk Findings:0
- Medium Risk Findings:0
- Low Risk Findings:0
- Suggestions & discussion: 0
- Gas Optimizations : 0

High Risk Findings

No Risks

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.

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Building the Futuristic **Blockchain Ecosystem**

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Always Do your own research and protect 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.

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