



# SPYWOLF

## Security Audit Report



Audit prepared for  
**DOGEN**

Completed on  
**September 30, 2024**



# OVERVIEW

This goal of this report is to review the main aspects of the project to help investors make an informative decision during their research process.

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

- ✓ Program's source code
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence



*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

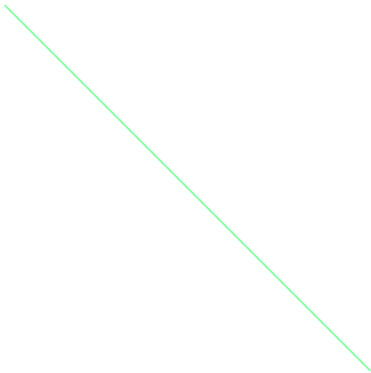




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# DOGEN



## PROJECT DESCRIPTION

**DOGEN** is a meme token on the Solana network. Dogen is the alpha dog and a devoted degen who never misses an opportunity to make gains. If you're into stunning women, luxury watches, fine cigars, flashy cars, sunshine, and the sea, then join the Dogen Army!

**Release Date:** Presale starts in October, 2024

**Category:** Meme



# PROGRAM INFO

Token Name	Symbol
DOGEN	\$DOGEN
Program Address	
B7xavrAozTaImSQu8YAcvPtf76x1fJYyLrYdTnbrah	
Network	
Solana	
Deployment Date	
Sep 16, 2024	
Program Type	
Standard	
Total Supply	
10,000,000,000	
Status	
Presale	



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the programs against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring program logic meets the specifications and intentions of the client.
- ✓ Cross referencing program structure and implementation against similar programs produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

**Blockchain security tools used:**

- Solana Program Library (SPL)
- Manual Auditing / Sec3 / Neodyme
- Rust Compiler
- Anchor Framework





# CURRENT STATS

## Owner:

The program is owned by the system program (BPFLoader21111111111111111111111111111111), indicating it may be non-upgradeable.

## On-Chain Activity Analysis

Total Transactions: [5]

Signature	Block	Time	Instructions	By	Value (SOL)	Fee (SOL)
<a href="#">5gRejbyjjv8zDLfw2TmnJWWZjX38P9943uR...</a>	<a href="#">290083831</a>	16 days ago	<a href="#">setAuthority</a>	<a href="#">65zEawtiqL6wo4Q4mursdbV33YZQne5GZJ3spvzrL8vC</a>	0.000005	0.000005
<a href="#">yy8mnnaF9LTCDQZhb4poYaxh9E6wPwYxUf8...</a>	<a href="#">290083080</a>	16 days ago	<a href="#">create</a>	<a href="#">65zEawtiqL6wo4Q4mursdbV33YZQne5GZJ3spvzrL8vC</a>	0.015621722	0.000005002
<a href="#">5yH1SZKJT91DmqHcHdFCYZmU9Exi2Unt13...</a>	<a href="#">290082836</a>	16 days ago	<a href="#">mintToChecked</a>	<a href="#">65zEawtiqL6wo4Q4mursdbV33YZQne5GZJ3spvzrL8vC</a>	0.000005	0.000005
<a href="#">3VEL6ZWGCAF1meo1nz3UWyx5bxaUz4nuk...</a>	<a href="#">290082772</a>	16 days ago	<a href="#">create</a>	<a href="#">65zEawtiqL6wo4Q4mursdbV33YZQne5GZJ3spvzrL8vC</a>	0.00204428	0.000005
<a href="#">2mjc1Q6x498hCM19w4TJXxWHQX3ijboy6F...</a>	<a href="#">290082572</a>	16 days ago	<a href="#">createAccount</a>	<a href="#">65zEawtiqL6wo4Q4mursdbV33YZQne5GZJ3spvzrL8vC</a>	0.0014716	0.00001



# CURRENT STATS

## Token Interactions

Token Mint Addresses:

**B7xavrAozTaImSQu8YAcvPftf76x1fJYyLrYdTnbrah**

Total Tokens Minted:

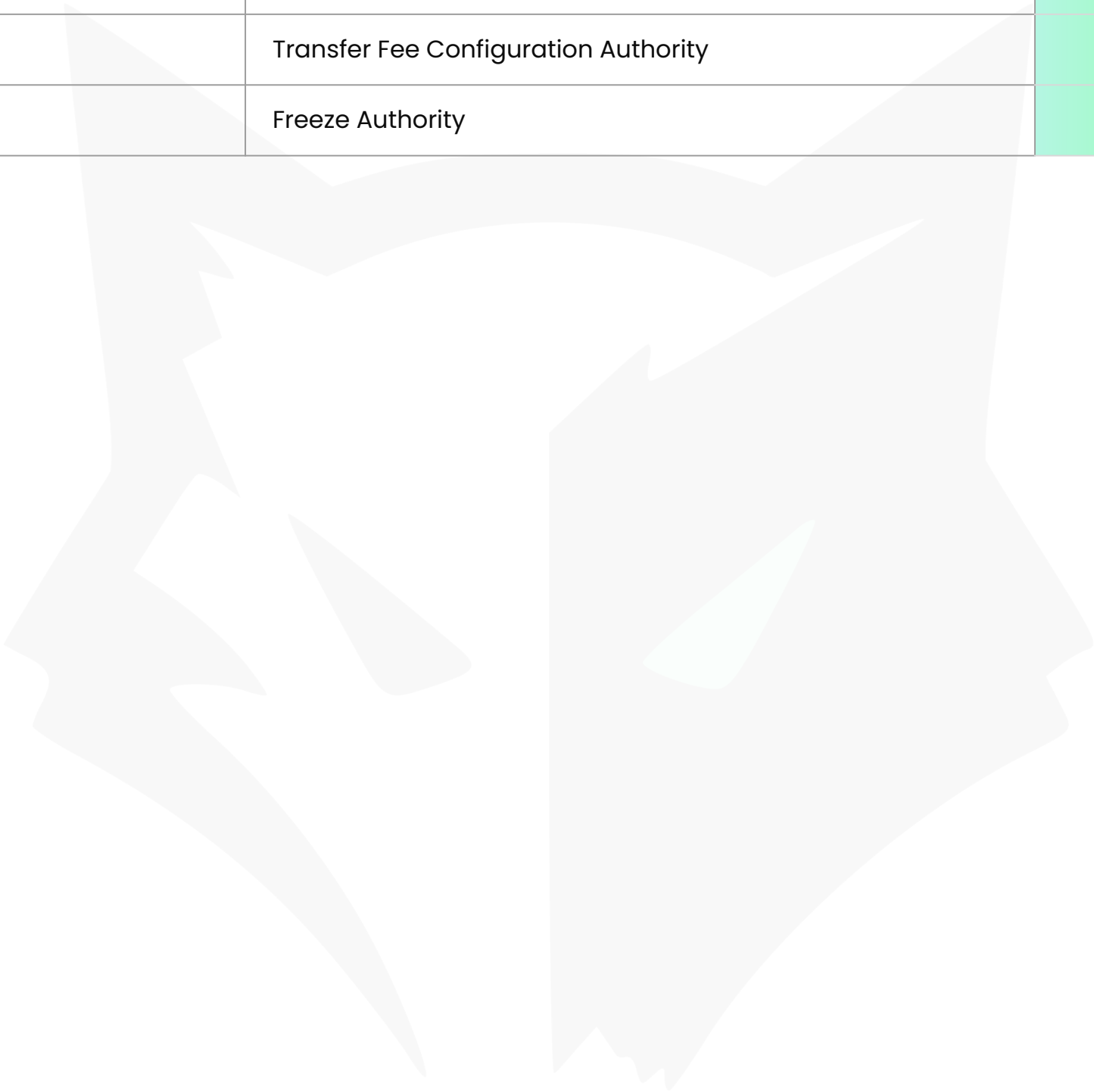
**10,000,000,000.00**

```
▼ { 8 items 
  key : 4 
  updateAuthority : "65zEawtiqL6wo4Q4mursdbV33YZQne5GZJ3spvzrL8vC"
  mint : "B7xavrAozTaImSQu8YAcvPftf76x1fJYyLrYdTnbrah"
  ▼ data : { 4 items
    name : "DOGEN The Meme ($DOGEN)"
    symbol : "DOGEN"
    uri : "https://arweave.net/aqdmxV_FsArV3VqTavjzwFImW9JnCIN_mBJir6zVCdo"
    sellerFeeBasisPoints : 0
  }
  primarySaleHappened : 0
  isMutable : 1
  editionNonce : 254
  tokenStandard : 2
}
```



# CODE REVIEW

Code	Title	
STPUPA	Update Authority	Passed
STPMTA	Mint Authority	Passed
STPTFA	Transfer Fee Configuration Authority	Passed
STPFRA	Freeze Authority	Passed







# VULNERABILITY ANALYSIS

## STPUPA: Update Authority

Passed

This token is non-upgradable because its program is managed by the Solana core team. Specifically, the token's program address is **TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA**, which is the standard Solana Token Program.

Since this program is deployed and maintained by the Solana protocol itself, it is immutable and cannot be modified or upgraded. Additionally, the program is owned by **BPFLoader2**[XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX](#), which further confirms that it is permanently locked from upgrades.

```

{ 8 items
  key : 4
  updateAuthority : "65zEawtiqL6wo4Q4mursdbV33YZQne5GZJ3spvzrL8vC"
  mint : "B7xavrAozTa1msQxu8YAcyPftf76x1fJYyLrYdTnbrah"
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    sellerFeeBasisPoints : 0
  }
  primarySaleHappened : 0
  isMutable : 1
  editionNonce : 254
  tokenStandard : 2
}

```



# VULNERABILITY ANALYSIS

## STPMTA: Mint Authority

 Passed

The **Mint Authority** has been explicitly revoked in this transaction:

<https://solscan.io/tx/5gRejbyjjv8zDLfw2TmnJWWZjX38P9943uRDcU8eqfY3N3FCKGteUmCscXW6P63ZipmEdkRTE3mgMxGpbQBeN9rt>

This means that no new tokens can be minted, ensuring that the total supply is permanently fixed. Without the ability to mint more tokens, the supply cannot be inflated, safeguarding the value and integrity of the token.



# VULNERABILITY ANALYSIS

## STPTFA: Transfer Fee Configuration Authority

 Passed

While the **Transfer Fee Configuration Authority** technically exists, it cannot be used because the mint authority has been revoked. This means that no one can set or modify transfer fees, even though the system might allow it in theory. As a result, token holders are protected from any future fee implementations or changes to the transaction cost structure.



# VULNERABILITY ANALYSIS

## STPFRA: Freeze Authority

 Passed

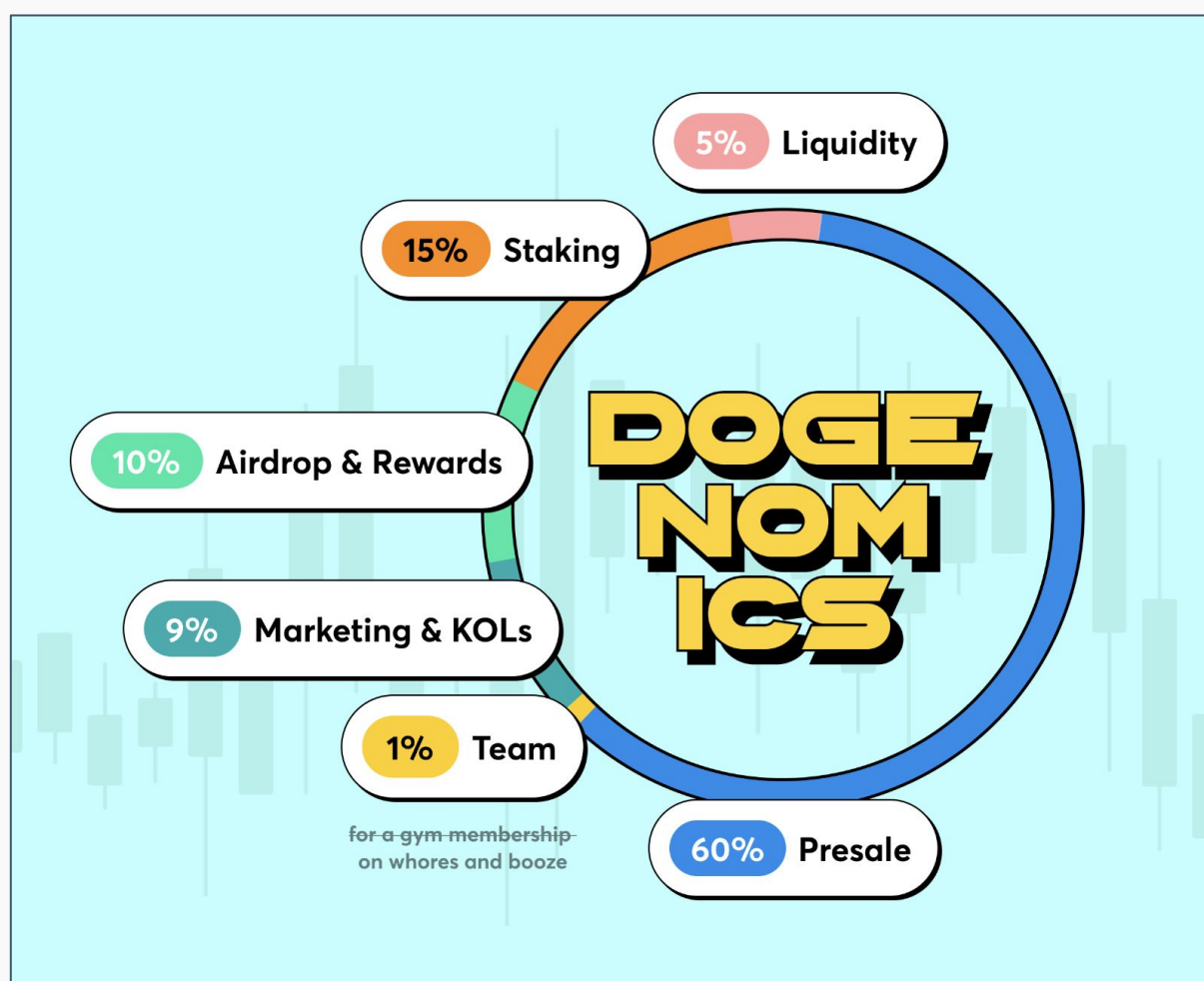
Similar to the transfer fee authority, the **Freeze Authority** exists but cannot be exercised because the mint authority has been revoked. While freezing accounts would technically be possible, no one has the ability to freeze or restrict token holders' accounts. This ensures that all users have full control over their tokens, with no risk of having their accounts frozen by any authority.



\*The following tokenomics are based on the project's whitepaper and/or website:

- 60% - Presale
- 10% - Airdrop
- 15% - Staking
- 5% - Liquidity
- 9% - Marketing
- 1% - Team

## Token Distribution



TOKENOMICS



# WEBSITE

## Website URL

<https://dogen.meme/en>

## Domain Registry

Private

## Domain Expiration

Private

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Very nice color scheme, illustrations and overall layout of a memecoin.

## Content

The information helps new investors understand what the product does right away. No grammar errors found. .

## Whitepaper

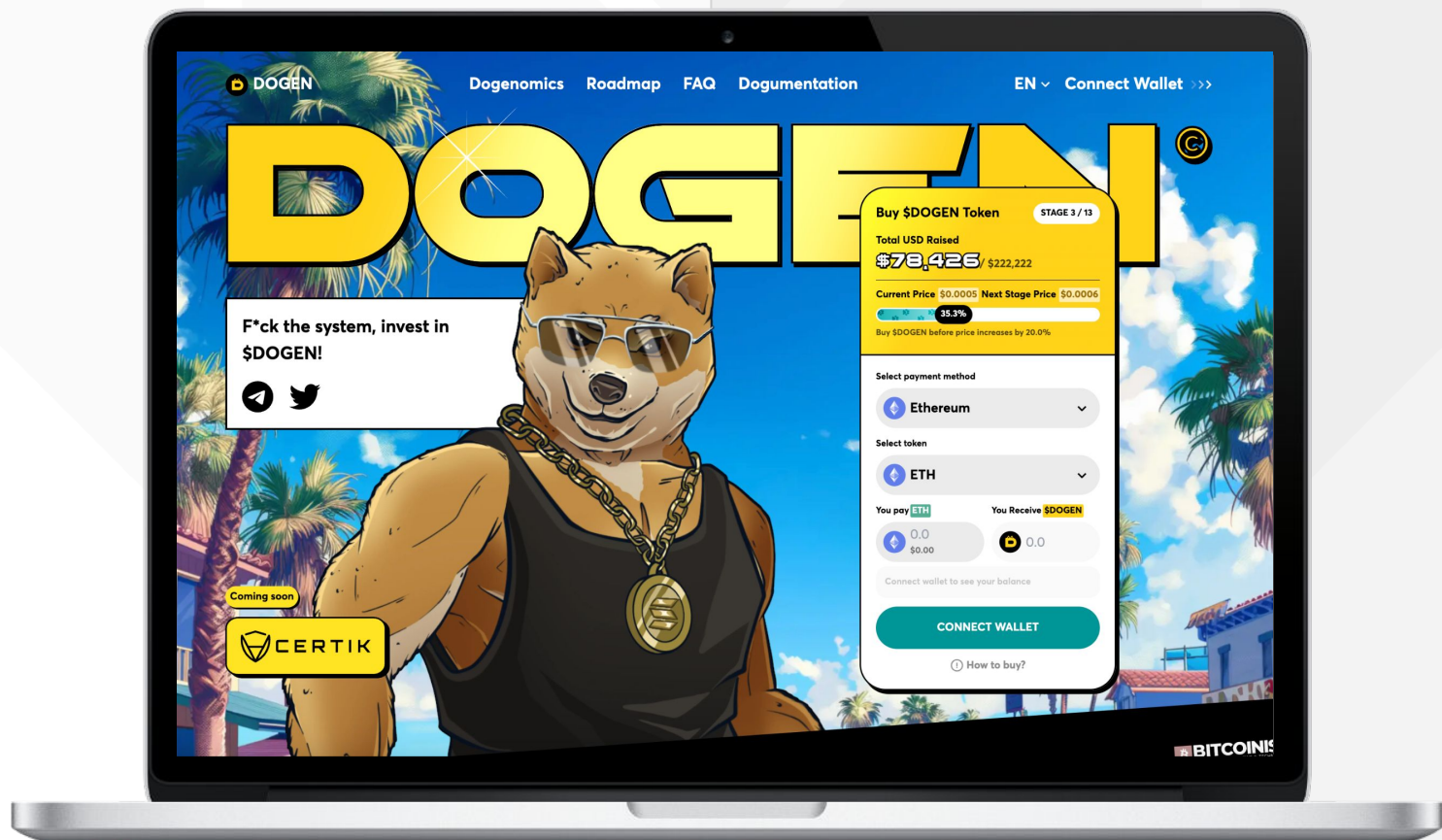
Well written but a bit short

## Roadmap

Yes

## Mobile-friendly?

Yes



# dogen.meme



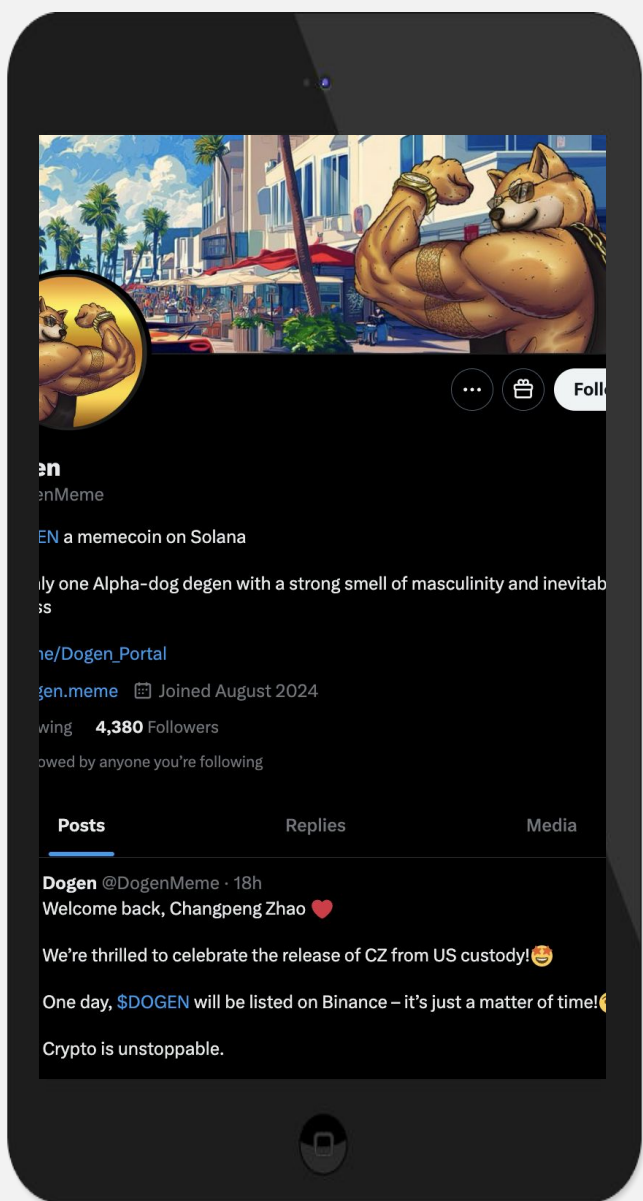
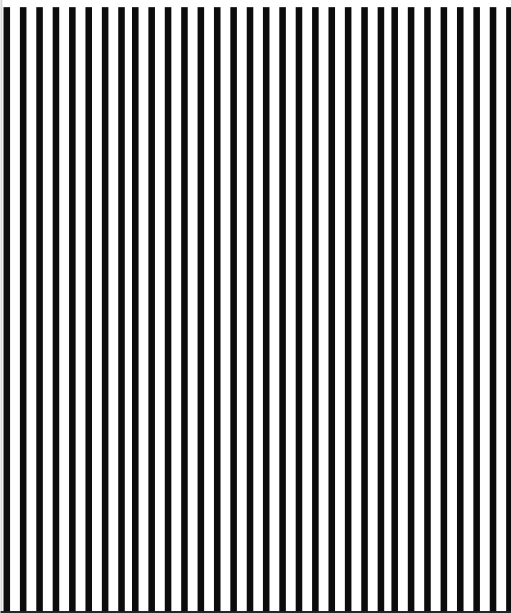


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

Social media pages are active and up-to-date.



Twitter's X

@dogenmeme

- 4,381 Followers
- Responds to comments
- Daily posts



Discord

- Not available



Telegram

@Dogen\_Portal

- 2 517 members
- Active mods and devs
- Daily announcements



Medium

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 700 SUCCESSFUL CLIENTS
- ✓ MORE THAN 1000 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.

