

localhost:3000

MEV Sentinel

Attack Detection

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N · Real-time MEV Detection

MEV Detection Dashboard

Real-time monitoring and protection against blockchain attacks

Active Alerts: 12

Value Protected: \$2.3M

Attacks Detected: 1,847

Success Rate: 99.8%

Real-Time Transaction Feed

Monitored blockchain transactions with MEV attack detection

Transaction Hash	Value	Time Ago	Status
0x3f7a8b2c ... 0f1a2b3c	25 ETH	2 min ago	Blocked (92%)
0x5c2d1b8a ... 4d2c9a7f	5.0 ETH	5 min ago	Suspicious (65%)
0x2e9d4a5f ... 4d5e6f7a	1.0 ETH	12 min ago	Safe (8%)
0x8a9f4e7d ... 7f1b3e5d	3.2 ETH	18 min ago	Safe (5%)

Attack Frequency

24-hour detection pattern

Hour	Attacks
12 AM	10
4 AM	7
8 AM	22
12 PM	15
4 PM	35
8 PM	25
12 AM	12

Transaction Details

X

Complete analysis and risk assessment

Transaction Hash

0x3f7a8b2c1e9d4a5f6b7c8d9e0f1a2b3c



From

0x742d35Cc ...

To

0x1234ab56 ...

Value

2.5 ETH

Status

BLOCKED

Risk Assessment



High Slippage

15.2% exceeds normal range



Front-running Pattern

Similar to recent sandwich attacks



Mempool Position

High gas price bidders detected



Destination Address

Known router contract



[View on Etherscan](#)

Close

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Mempool Monitor

Real-time mempool activity and MEV bot detection

Pending Transactions **14,582** +12%

Avg Gas Price **42 Gwei** -5%

MEV Bots Active **287** +8%

Sandwich Attempts **43** +22%

Top MEV Threats

Currently active sandwich attack patterns

Threat #1 High Risk
MEV bot pattern detected: \$888243 estimated extraction

Threat #2 High Risk
MEV bot pattern detected: \$122103 estimated extraction

Threat #3 High Risk
MEV bot pattern detected: \$964343 estimated extraction

Threat #4 High Risk
MEV bot pattern detected: \$698324 estimated extraction

Threat #5 High Risk
MEV bot pattern detected: \$884421 estimated extraction

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Attack Detection Analysis

Comprehensive MEV and sandwich attack detection metrics

Front-Running: 342 Today | Sandwich Attacks: 186 Today | Flash Loans: 54 Today | Slippage Exploit: 29 Today

Attack Type Distribution (24h)

Hourly breakdown of detected MEV attacks

Time	Attack Count
12 AM	12
3 AM	5
6 AM	12
9 AM	15
12 PM	20
3 PM	32
6 PM	28
9 PM	20

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MEV Simulation

Test custom transactions for potential MEV attack risks

Analyze Transaction

Enter transaction data or paste hex code

Transaction Input

Paste transaction hex or JSON data ...

Run Simulation

Enter transaction data to begin simulation

MEV Sentinel
Attack Detection

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The screenshot shows a web browser window for the MEV Sentinel platform. The URL in the address bar is `localhost:3000`. The page has a dark theme with blue and white text.

MEV Sentinel Attack Detection

Help & Documentation

Learn about MEV attacks and how to protect yourself

Home Mempool Detection Simulation Help

Attacks Prevented: **12,847**

Value Protected: **\$45.2M**

Detection Accuracy: **99.8%**

Frequently Asked Questions

What is MEV and why should I care?
Maximal Extractable Value (MEV) refers to profit that miners/validators can extract by reordering transactions in a block. Sandwich attacks and front-running can cause significant losses.

How does MEV Sentinel protect me?
Our platform monitors the mempool in real-time, analyzes transaction patterns, detects suspicious behavior, and alerts you before attacks happen.

What is a sandwich attack?
A sandwich attack occurs when a bot places a transaction before yours (front-running) and after yours (back-running) to profit from price movements caused by your trade.

Can I use this with any wallet?
Yes! MEV Sentinel is compatible with MetaMask, WalletConnect, and other Web3 wallets. Simply connect your wallet to get started.

Resources & Documentation

Getting Started Guide
Learn the basics of MEV Sentinel and how to set up your first wallet.

Attack Types Deep Dive

Connect Wallet

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