MANUEL JARABA

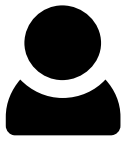
WELCOME

AGENDA

- Staking
- MEV opportunities
- Ethereum Staking technical implementation
- Delegation flows
- KILN web dashboard
- KILN APIs
- KILN Stats & Security

ATTENDEES

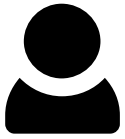
From KILN



MANUEL JARABA

Sales Engineer

From LAPAM Investments *(fake company)*



MARTIN JAMES

Partner

JOHN SMITH

Technical Project Director

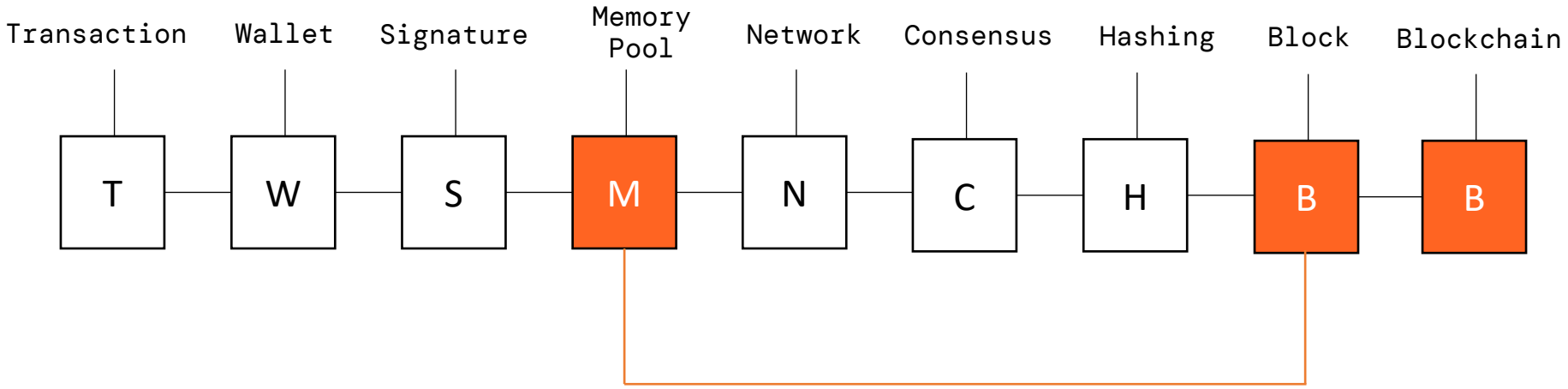
SOME **TRADITIONAL FINANCE** WAYS OF MAKING MONEY

- BORROWING AND LENDING
- FEE BASED INCOME

SOME **DECENTRALIZED FINANCE** WAYS OF MAKING MONEY

- MINING FEES / BLOCK REWARDS
- LIQUIDITY STAKING
- MEV

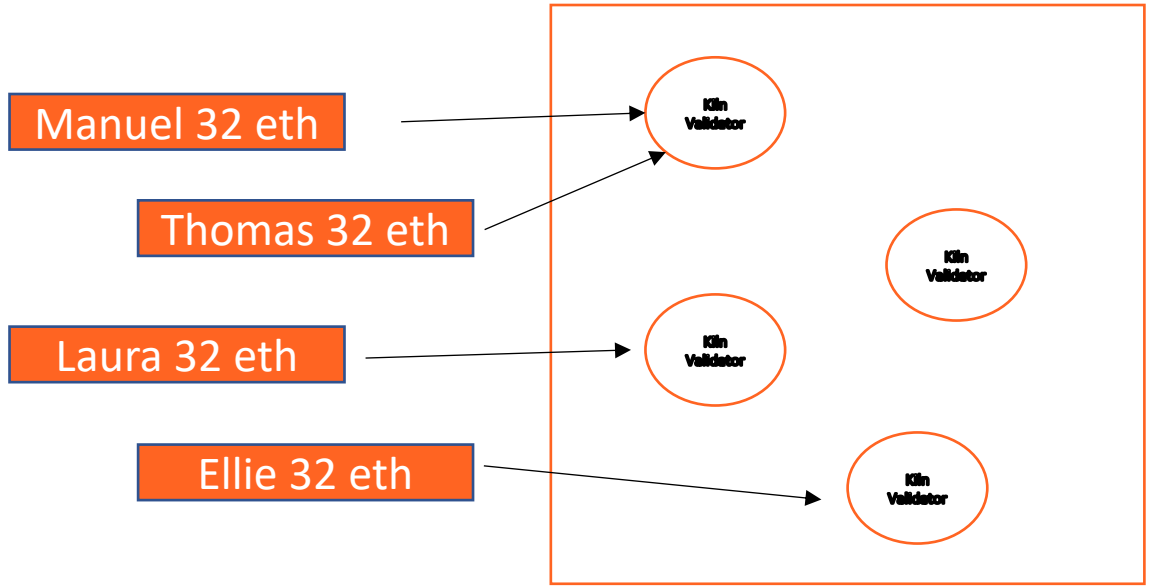
KILN.fi is an enterprise staking solution



Ethereum	Solana	Tezos	Near	Osmosis	Cosmos	Avalanche
4.3 % APY	5.5 % APY	4 % APY	10 % APY	58 % APY	16 % APY	9 % APY
10 - 12% post merge						

KILN.fi works using delegation flows

ETHEREUM STAKING - KILN VALIDATORS



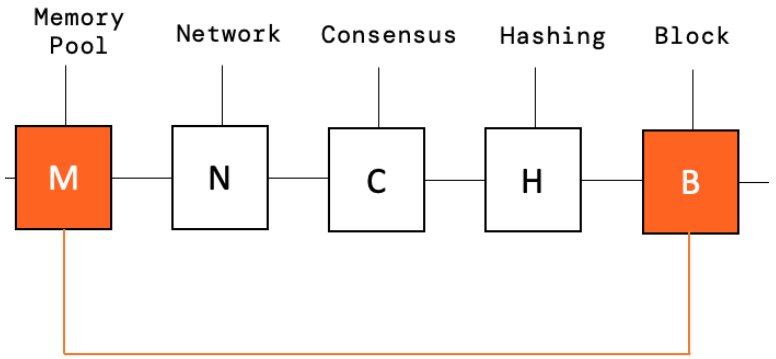
- 390+ validator keys using Teku
  - 12,480+ ETH
- 7000+ validator keys using Prysm
  - 224,000+ ETH

WHAT IS MEV? *(maximal extraction volume)*

Another way for miners / validators to **make money** outside of transactions fees and mining block rewards.

HOW DO YOU MAKE MONEY WITH MEV?

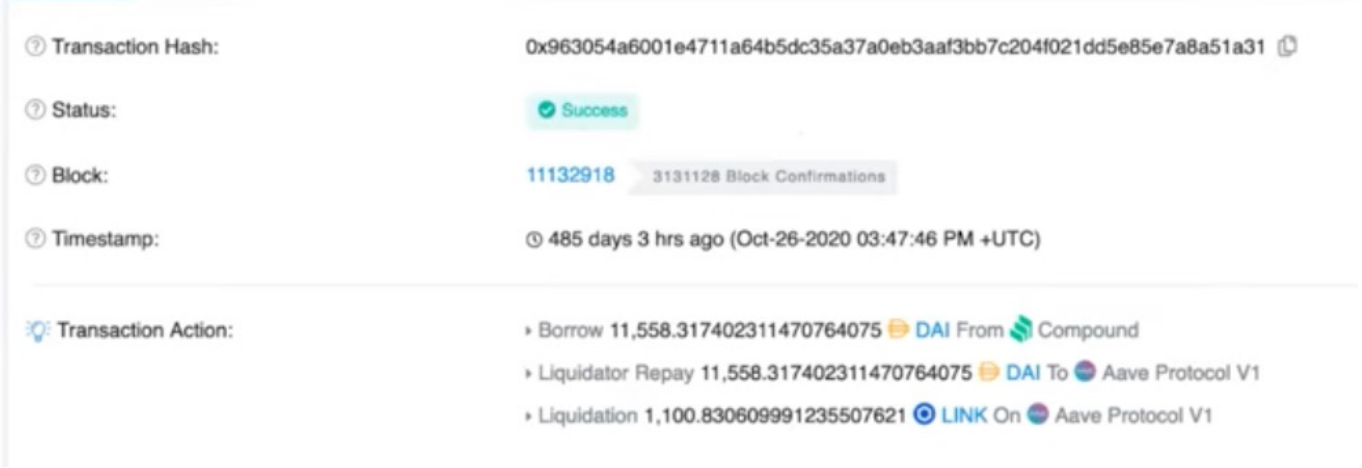
Re-ordering / optimizing transactions in a block.



MEV opportunity examples

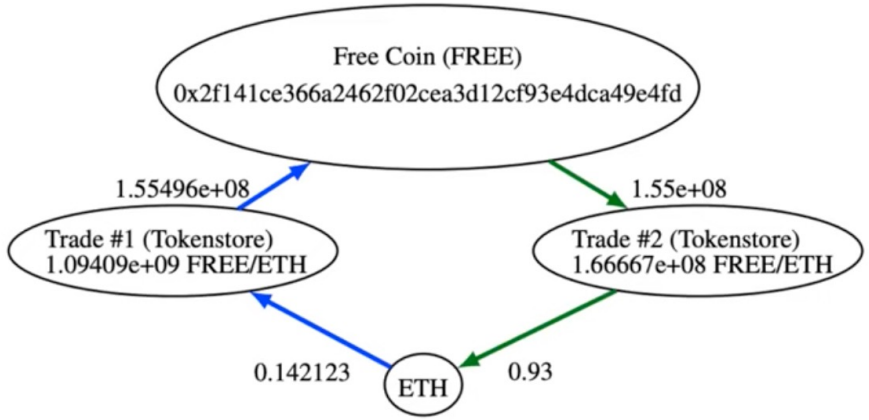
LIQUIDATION

Liquidators repay up to 50% of the assets borrowed and in return they are eligible to a portion of the collateral at the market price minus a liquidation discount of 5% or more.



ARBITRAGE

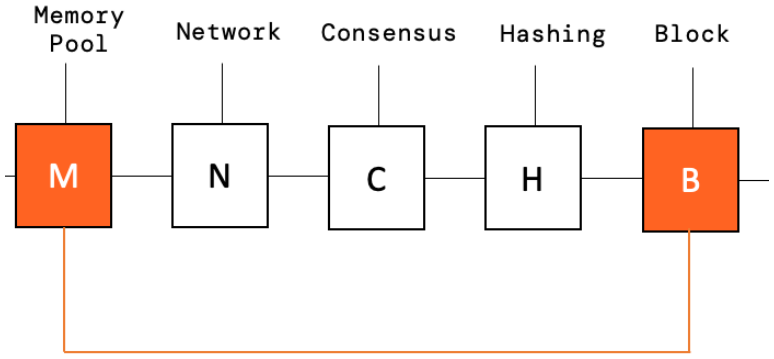
If two decentralised exchanges are offering a token at two different prices, someone can buy the token on the lower priced decentralised exchange and sell it in the higher decentralised exchange in a single transaction.



KILN.fi uses MEV boost

Ethereum

4.3% APY → *10 - 12% APY*



ROLE 1: **propose** the block

ROLE 2: **mine** the block

$672,461,921
Total Extracted MEV

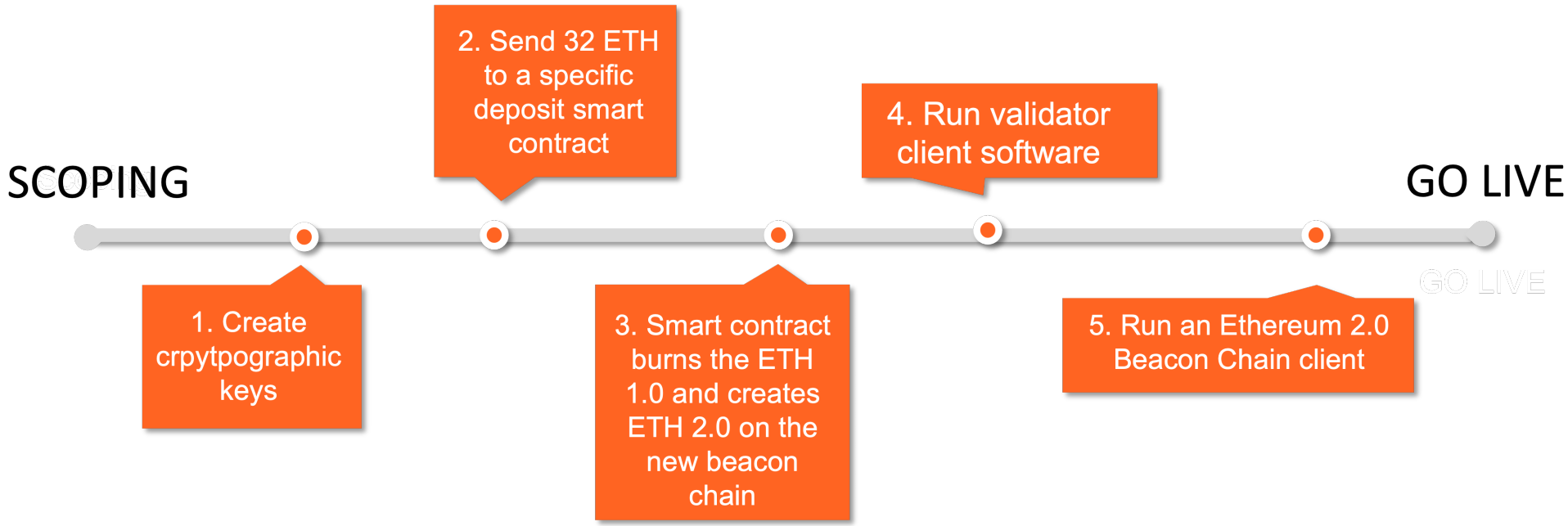
$8,606,882
Last 30 days Extracted MEV

$130k
Last 24h Extracted MEV

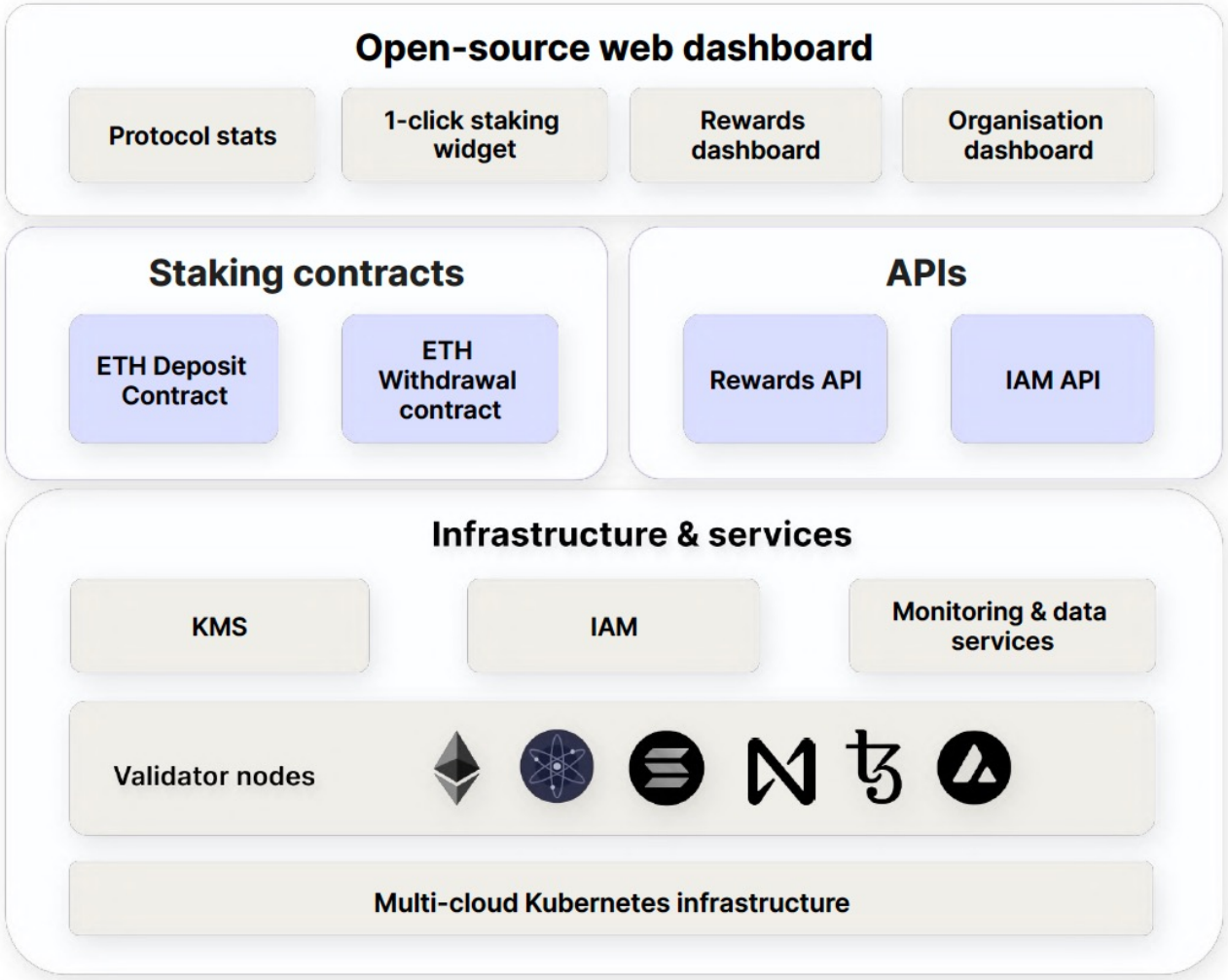
SOURCE:
https://explore.flashbots.net/

THE IMPLEMENTATION

How do you implement eth 2.0 staking from a technical perspective?



You can use KILN.fi solutions



- Easy enterprise **staking**
- **Non-custodial**: integrated with all major wallets/custodians
- Comprehensive rewards and **monitoring APIs**

Delegation flows

dPOS protocol

Ethereum

Generating validation key

↓

Funding the validator with 32 eth

↓

Monitoring validator performance and accrued rewards

Solana

Tezos

Issuing a single staking transaction with:

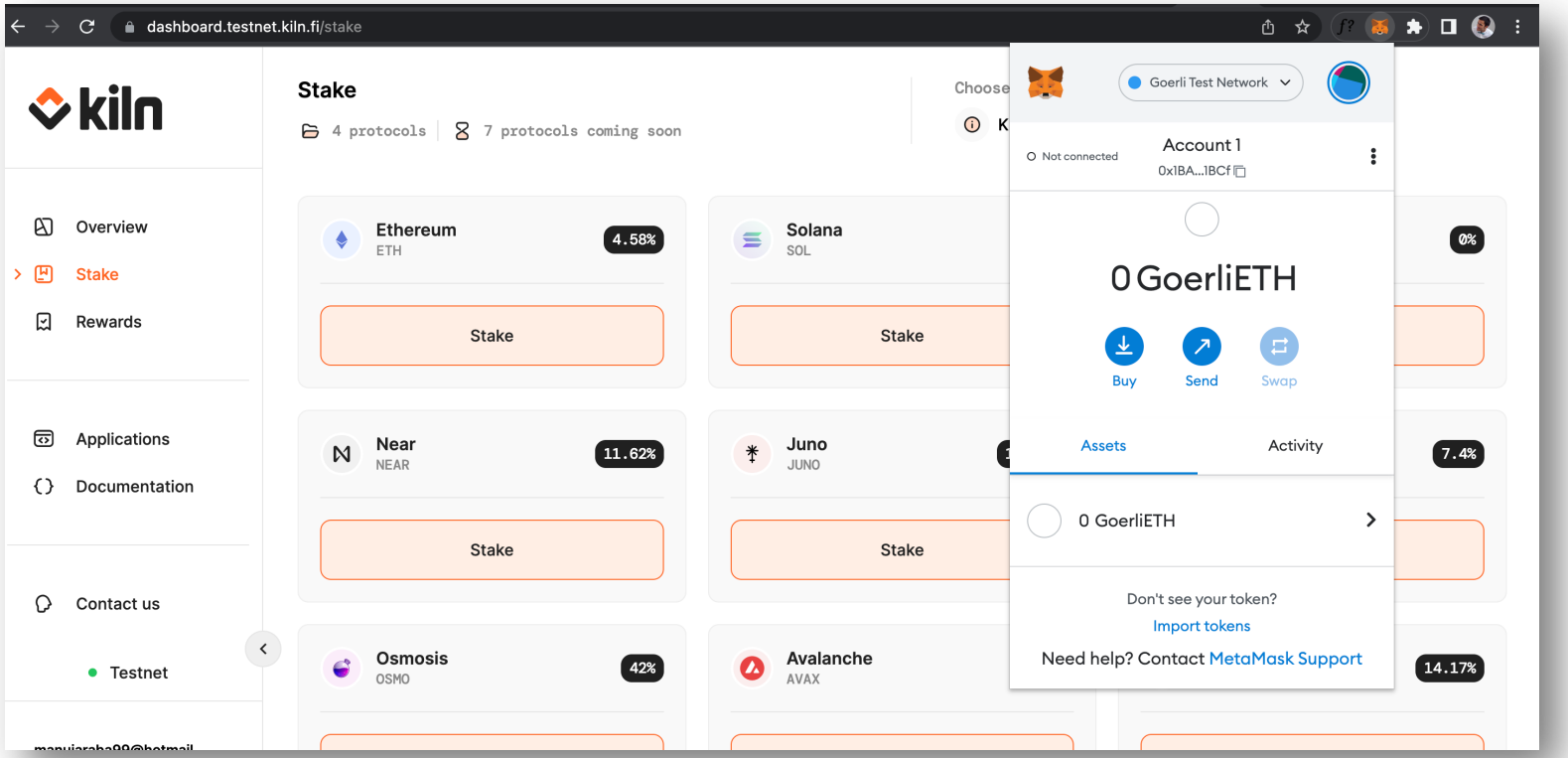
- Amount to stake
- Validator address

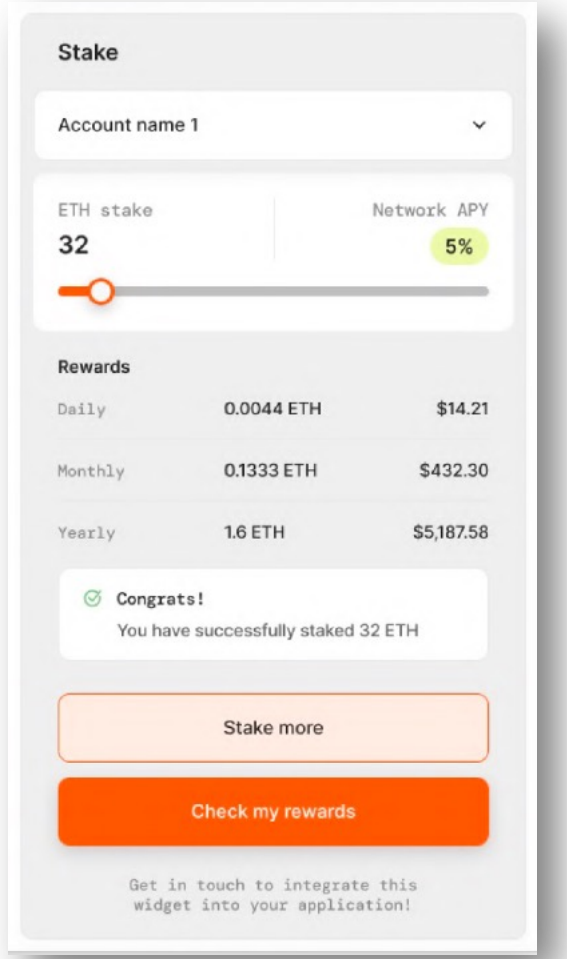
↓

Monitoring validator performance and accrued rewards

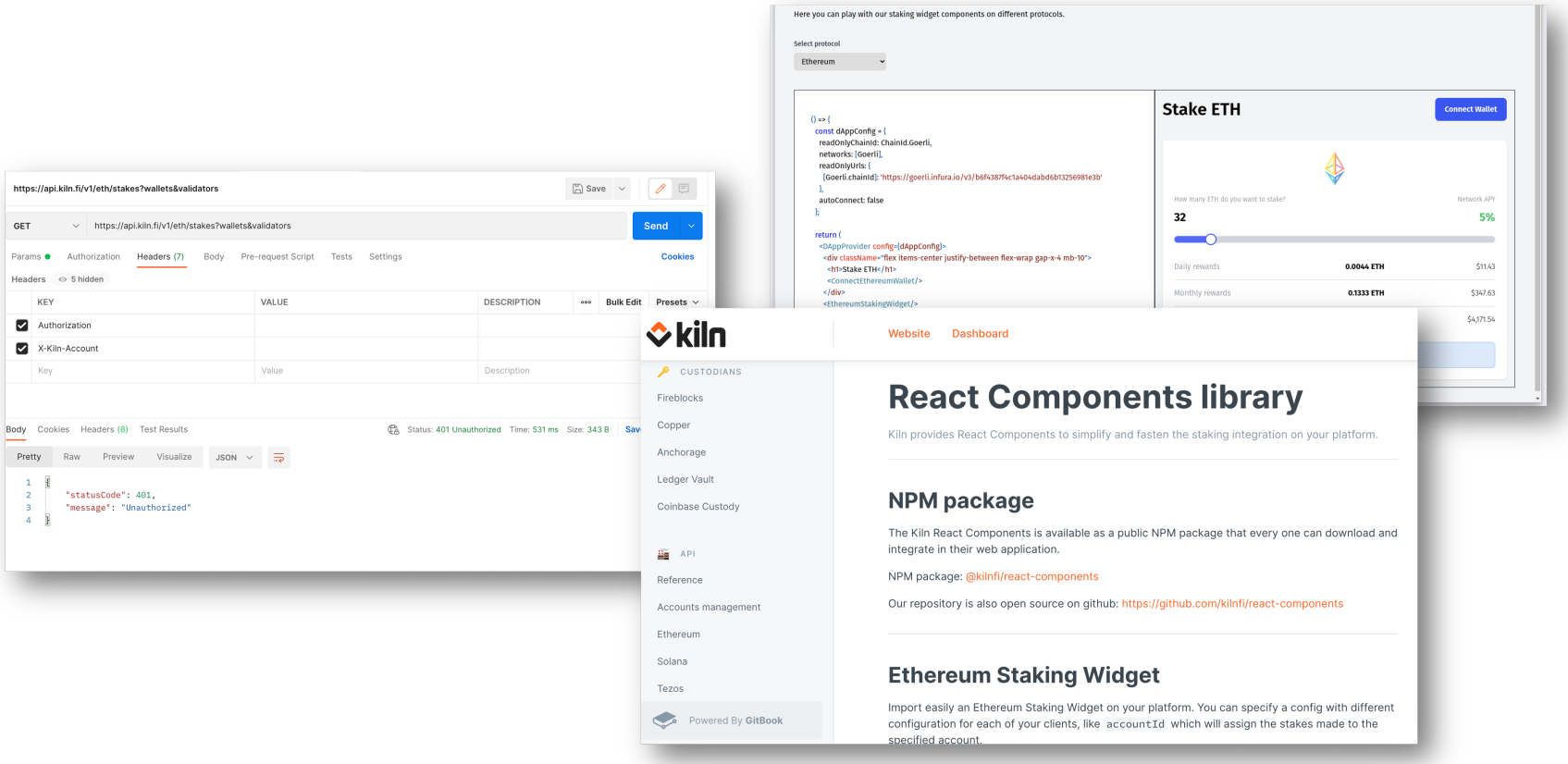
Check custodians API

Open source web dashboard / staking button





KILN.fi API documentation / testing



LET'S SEE A QUICK DEMO

Kiln Security & Stats

Historical **mainnet** performance

Average all-time uptime per key: 99.85%

90d uptime: 99.94%

Slashing incidents: 0

Security practices

Kiln is **SOC 2 certified** as audited by Prescient Assurance

Kiln is **non custodian**, When staking with us you keep ownership of your token.

Kiln makes use of **managed services and security solutions** available on various cloud providers.

Kiln **encrypts data at rest** and in transit for all of our resources.

kiln

Q & A

Manuel Jaraba