

ConvictionFi

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Mint your Conviction. DeFAI Agent as NFT

Built on Sui — evolving on [@Walrus](#). Using [Sui Agent Kit](#). Breaking down Web3 barriers via [@Privy](#) & [@Wormhole](#).

DeFAI NFT = AI Agent + Wallet + Signer

- Hackathon: [Sui Overflow 2025](#) project
- Track: AI
- Founder: [@koyohei_nft](#)
- Demo App: <https://convictionfi.vercel.app/>
- Status: Prototyping & Fund Raising

PROBLEM

The Gap: DeFAI Is Just a Buzzword – Until Now



What is DeFAI?

- Just a marketing term
- No clear UX
- No usable product
- DeFAI = Vibe Trading?
- Everyone talks. No one ships



Our Answer: DeFAI, Designed to Work

We built the ultimate UX: **DeFAI Agent as NFT**

Mint once. Let the agent do the rest.

It's self-contained.

It trades autonomously.

It reports publicly.

It holds your conviction — immutably.

DeFAI is Vibe Trading.

But DeFAI needs more than vibes — it needs UX that delivers.

SOLUTION

ConvictionFi: DeFAI Agent as NFT

> DeFAI NFT = AI Agent + Smart Contract Wallet + On-chain Signer



Mint an NFT

Pick a Conviction. Mint in one click.
That's it. No wallet setup.
No approvals. No complexity.



Your NFT = Your AI Agent

It holds its own wallet, signs on its own, and trades for you — fully autonomous, fully on-chain.



You Stay Present. It Trades.

While your agent invests across chains, you stay focused — on work, life, and what matters.

One mint. One agent. Zero distractions.

HOW IT WORKS: Just Mint NFT

Only **Step 1** requires your decision. From Step 2 onward, the agent takes over.

1. Mint an NFT

Pick a belief-aligned strategy and mint an NFT agent.

Your conviction is tokenized — the agent takes it from here.

2. Your NFT becomes Your AI Agent

The NFT generates its own wallet and receives your full deposit. It loads strategy logic from Walrus and comes to life via Sui Agent Kit.

3. Trade & Report

The agent trades, stakes, or lends — no input needed.

All activity is publicly reported like Twitter Reply.

4. Learn & Evolve

The agent trades autonomously and posts performance via Twitter replies.

Each update is public, traceable, and socially amplifiable.

5. Exit or Transfer

Exit is automated by design, but users keep full control. NFTs can be sold, redeemed, or held as long-term conviction assets.

Step 1: Mint a ConvictionFi NFT

1

Choose & Mint

You select a trading thesis—like staking \$SUI or holding \$BTC—and mint an NF...

2

Your NFT = Your AI Agent

The NFT creates a smart wallet and deposits the full mint amount. It loads...

3

Trade & Report

The agent trades based on strategy and market signals. Key updates—wallet...

4

Learn & Evolve

Agents evolve as strategy metadata is updated via Walrus. Logic adapts, but...

5

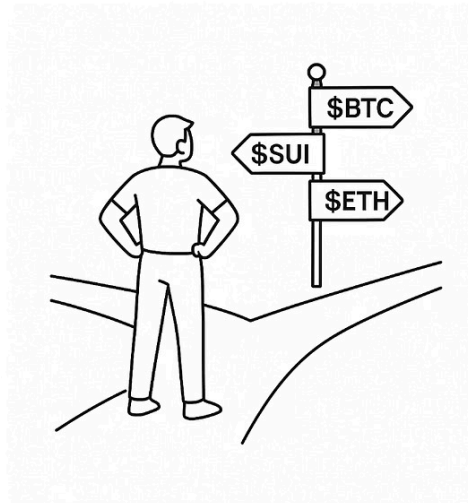
Exit or Transfer

Most agents exit automatically via triggers or time locks. But users can sti...

Choose & Mint

You select a trading thesis—like staking \$SUI or holding \$BTC—and mint an NFT agent. Your conviction is now on-chain. From this point on, the agent acts on your behalf, no setup or dashboards required.

- ✓ Choose your trading thesis
- ✓ Set risk parameters
- ✓ Mint your NFT on Sui blockchain



Step 2: Your NFT becomes your AI Agent

1 Choose & Mint

You select a trading thesis—like staking \$SUI or holding \$BTC—and mint an NF...

2 Your NFT = Your AI Agent

The NFT creates a smart wallet and deposits the full mint amount. It loads...

3 Trade & Report

The agent trades based on strategy and market signals. Key updates—wallet...

4 Learn & Evolve

Agents evolve as strategy metadata is updated via Walrus. Logic adapts, but...

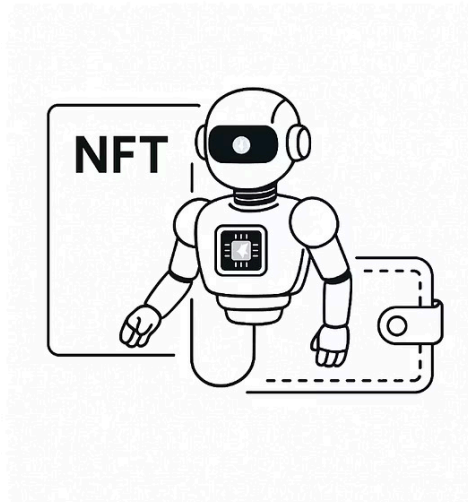
5 Exit or Transfer

Most agents exit automatically via triggers or time locks. But users can sti...

Your NFT = Your AI Agent

The NFT creates a smart wallet and deposits the full mint amount. It loads strategy logic from Walrus and is deployed via Sui Agent Kit. From here, the autonomous agent is ready to operate without intervention.

- ✓ NFT is deployed as a smart contract wallet
- ✓ Agent receives funds and config
- ✓ Start autonomous execution



Step 3: Trade & Report

1 Choose & Mint

You select a trading thesis—like staking \$SUI or holding \$BTC—and mint an NF...

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The NFT creates a smart wallet and deposits the full mint amount. It loads...

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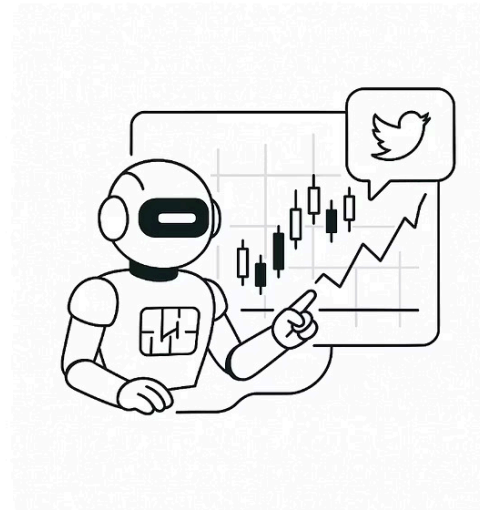
5 Exit or Transfer

Most agents exit automatically via triggers or time locks. But users can sti...

Trade & Report

The agent trades based on strategy and market signals. Key updates—wallet balance, trade logs, and performance—are posted on Twitter. Each post invites social engagement, turning transparency into organic growth.

- ✓ Market monitoring via AI signals
- ✓ Real-time token swaps via DEX
- ✓ Risk-managed execution



Step 4: Learn & Evolve

1 Choose & Mint

You select a trading thesis—like staking \$SUI or holding \$BTC—and mint an NF...

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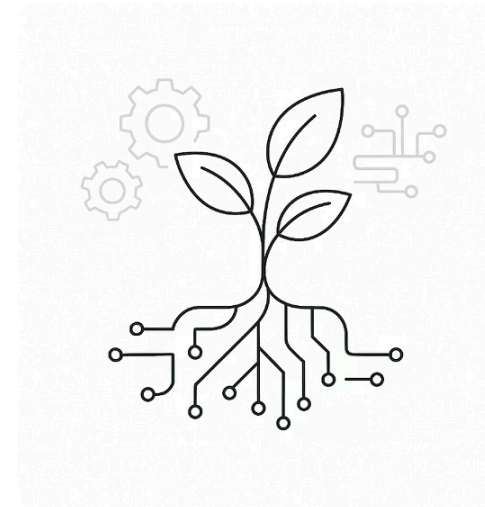
5 Exit or Transfer

Most agents exit automatically via triggers or time locks. But users can sti...

Learn & Evolve

Agents evolve as strategy metadata is updated via Walrus. Logic adapts, but conviction remains fixed. While the system learns and adjusts over time, the original belief minted into the NFT stays untouched.

- ✓ Storage of trade history & performance
- ✓ Prompt updates via on-chain governance
- ✓ Zero-knowledge secure logs



Step 5: Exit or Transfer

1 Choose & Mint

You select a trading thesis—like staking \$SUI or holding \$BTC—and mint an NF...

2 Your NFT = Your AI Agent

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3 Trade & Report

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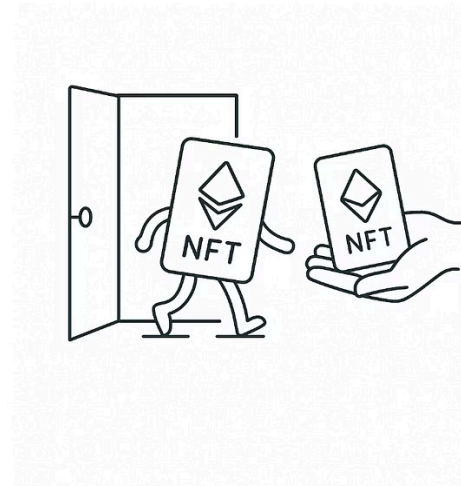
5 Exit or Transfer

Most agents exit automatically via triggers or time locks. But users can sti...

Exit or Transfer

Most agents exit automatically via triggers or time locks. But users can still intervene—selling the NFT or requesting a refund if allowed. The belief defines the path, but user agency remains intact throughout.

- ✓ Transfer or list the NFT
- ✓ Withdraw residual funds
- ✓ Keep or archive your evolved agent



Strategy Sample

Choose from proven conviction-based strategies or create your own.

SUI_MAXIMIZER

Popular



SUI Ecosystem Bull

Aggressive accumulation of SUI and ecosystem tokens during market dips

Ideological Thesis:

"Sui represents the future of blockchain scalability. Every dip is an opportunity to accumulate before mass adoption."

Mint DeFAI Agent

BTC_HODLER



Bitcoin Maximalist

Long-term Bitcoin accumulation with DCA and volatility exploitation

Ideological Thesis:

"Bitcoin is digital gold and the ultimate store of value. Time in market beats timing the market."

Mint DeFAI Agent

STABLE_OPTIMIZER



Yield Farmer

Conservative yield optimization across stable pools and lending protocols

Ideological Thesis:

"Consistent yield generation with capital preservation. Compound interest is the eighth wonder of the world."

Mint DeFAI Agent

New Security Model: NFT as SAFETY LAYER

> “Don’t put all your eggs in one basket.”

Most DeFi apps ask users to sign from their main wallet. That’s not just clunky — it’s risky.



Your NFT stands between you and DeFi

— a firewall, not just a token.



Mint once. That’s your trading budget.

No separate deposit. No approval needed.



Each NFT creates its own smart wallet

— fully isolated, fully yours.



Only the agent signs. Only the agent acts.

Your wallet? Never touched.

In ConvictionFi, risk is minimized — your NFT thinks, holds, and signs for you

Inside ConvictionFi: Walrus x NFT x AI

> "Immutable Metadata. Transparent Belief."



What We Store (per NFT)

- **Strategy Logic**
Name, conditions, parameters)
- **Conviction Statement**
The reasoning behind the strategy
- **Risk Profile**
Limits on position size, stop-loss rules, risk exposure
- **Execution Policy**
Whitelisted contracts and allowed EOA targets
- **Version & Evolution History**
- **Mint Timestamp & Optional Trade Summary**



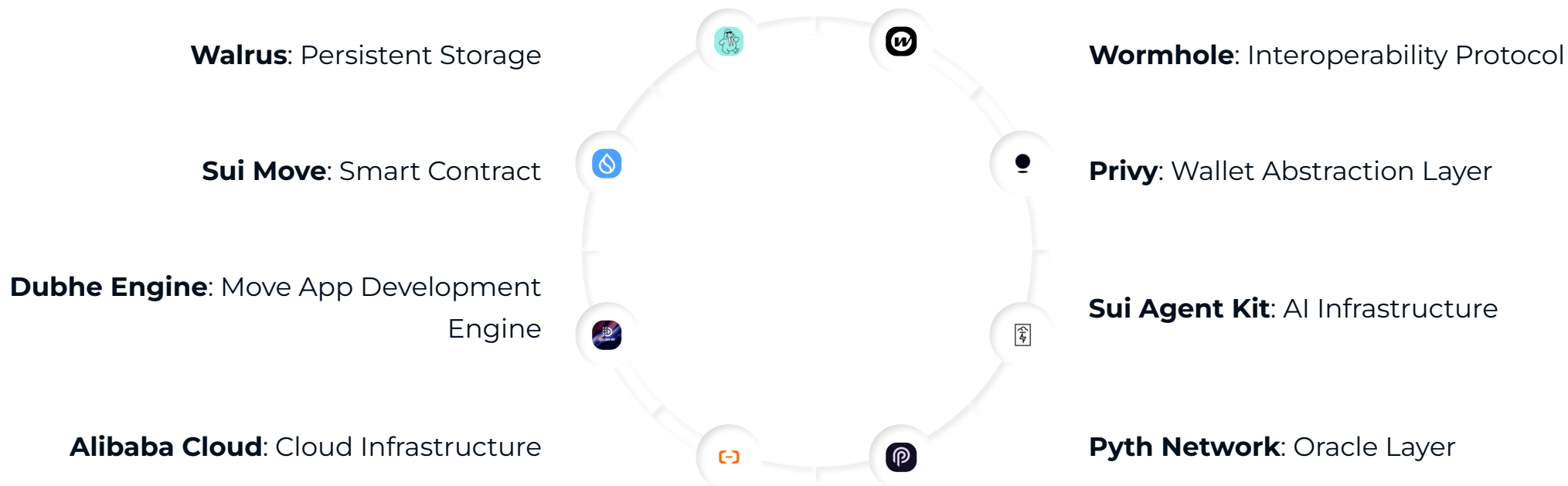
Versioning = Traceability

- All updates are versioned — nothing is lost
- NFT URI always reflects the latest state
- Older versions stay accessible for audit
- Flexible authorization scenarios through Move packages
- Application-specific logic controls access permissions

TECHINICAL ARCHITECTURE: CORE

Inside ConvictionFi: Core Infrastructure

> "Where DeFAI NFT Meet Sui Modularism"



Inside ConvictionFi: **Ecosystem Extensions**

> *"Where DeFAI NFT Meet Sui Modularism"*



Umi: DEX Aggregator



DeepBook: Liquidity Layer



Scallop: Staking



Cetus: Lending



Navi Protocol: Lending



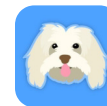
Suilend: Lending



BlueMove: NFT Marketplace



HIPPO (Sudeng): MemeFi



UNI (Unicorn): MemeFi



Sui Name Service: Naming



Slush: Wallet



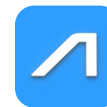
Surf: Wallet



Nemo: Yield



Bucket: Stablecoin



AlphaFi: Yield

ENDING

Mint your Conviction. DeFAI Agent as NFT.

Demo App: <https://convictionfi.vercel.app/>



[GitHub](#)



[link.tree](#)



[X\(Twitter\)](#)



[Linkedin](#)



[Facebook](#)

Built for believers — not just traders.
Where AI acts for you — not over you.
Where NFTs become living vaults of conviction.



APPENDIX: FOUNDER PROFILE

Kyohei Ito / Founder, ConvictionFi

- A leading contributor to Japan's Web3 ecosystem and developer education.
- Former CTO and VPoE at multiple Web3 startups in Japan.
- A full-stack founder and developer with a consistent track record across core Web3 domains, including L1/L2, NFT, LLM for web3, and developer marketing.
 - Led Bunzz Enterprise, built Bunzz AI Audit, contributed to \$4.5M Seed round
 - Head of Solution Architect at DA Layer(L1) – created 3 App Chain use cases
 - Hosted "Thirdweb Meets Tokyo", "Hyper Parallel Tokyo" (Arweave / AO), "AO Bootcamp", "Web3 New Year's Event in 2024 presented by Ripple" etc.



[@kyohei_nft](https://twitter.com/kyohei_nft)



[in/kyohei-nft](https://in.linkedin.com/company/kyohei-nft)



[kyoheinf](https://www.facebook.com/kyoheinf)



[@newt0](https://github.com/newt0)



[Qiita](https://qiita.com/kyohei)



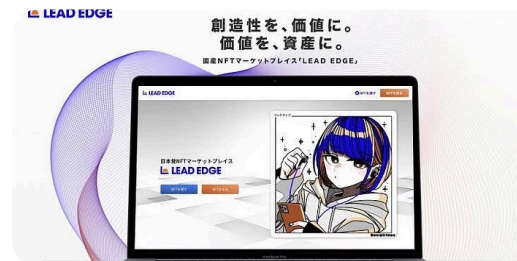
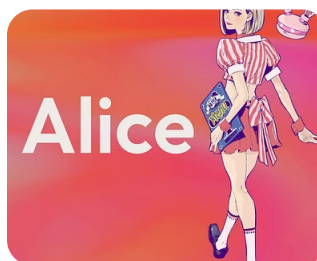
[dev.to](https://dev.to/kyohei)



APPENDIX: FOUNDER PROFILE

NFT Achievements

- Co-developed and sold out *"TOMIE by Junji Ito"* with Yomiuri TV & Netflix (130 ETH in 2 minutes).
- Executed Japan's first large-scale NFT drop on Polygon (100K+ users).
- Led *"Alice by Slash"* (160 ETH in 48h) as PM — handled both development and marketing.
- Managed development for ~10 enterprise NFT marketplaces, including *LeadEdge*. Involved in 30+ NFT launches across manga artists, illustrators, AV actresses, and NPOs.
- PM of NFT wallet app *"SlashVaults"*.
- Audited contracts for *"Shibuya Scramble Punks"*



Seal: Decentralized Secrets Management Service

Decentralized sensitive data management service based on access control policies on **Sui** blockchain

Encryption & Decryption

- Encryption using secret sharing mechanism
- Supports Client-Side Encryption (CSE)

Access Control on Sui

- Flexible authorization scenarios through Move packages
- Application-specific logic controls access permissions

Decentralized Gatekeeping

- Lightweight key validation service via off-chain servers
- Supports t-out-of-n threshold encryption

- **Personal Data Protection** - Personal data on Walrus accessible only by owner
- **Content Sharing** - Secure content sharing with specific user allowlists
- **Subscription** - Gated content for verified subscribers
- **E2E Encryption** - Private messaging using Sui and Walrus
- **Secure Voting & Trading** - Safe voting and MEV-resistant trading on Move

Crypto Investing > Human Capacity

> *"Users overwhelmed by information, not empowered."*



140,000+

new tokens/day



Thousands of protocols

= UX fragmentation



Hundreds of new L1/L2

blockchains/year



Volatility from

political & social events

**DeFi × AI – DeFAI – is a burning need for crypto users.
The last piece Web3 needed.**

DeFi × AI: Unfair & Immature

> *"In DeFi, AI tends to reinforce—rather than reduce—existing inequalities."*

AI: The Great Equalizer?

Since ChatGPT, AI has become mainstream and is closing skills gaps across domains (coding, design, writing etc.)

In Crypto: AI Widens the Gap

However, in DeFi × AI, knowledge gaps are widening rather than narrowing

Unequal Access, Unequal Outcomes

Experts optimize with AI while beginners struggle with complex tools, falling further behind

DeFi × AI is still immature—AI benefits remain unevenly distributed.