MeowFi Yield Aggregator Agent

Problem

The decentralized finance ecosystem offers high yield opportunities, but liquidity is fragmented across multiple protocols, pools, and incentive programs. Users must constantly monitor changing APYs, emissions, and bribes to maximize returns. This process is complex, error prone, and inaccessible to most users. As a result, capital is often inefficiently allocated, yields are suboptimal, and smaller participants are disadvantaged compared to sophisticated operators.

Solution

MeowFi Yield Aggregator Agent is an automated yield optimization agent designed to intelligently manage DeFi liquidity. Deployed on the Mantle Sepolia testnet, the agent continuously evaluates simulated market conditions, protocol APYs, and received bribes. Based on these inputs, it calculates optimal strategies and automatically rebalances funds between underlying DeFi protocols to maximize returns. The system operates with minimal human intervention while maintaining transparency and control through a Telegram bot interface for users and administrators.

Technology & Architecture

MeowFi combines on chain smart contracts with an off chain automation agent. Smart contracts handle deposits, withdrawals, and strategy execution, while the off chain agent performs yield calculations, monitoring, and rebalancing decisions. The Telegram bot acts as a lightweight interface for real time status checks, alerts, and protocol management. This hybrid design ensures flexibility, automation, and scalability without sacrificing decentralization.

Business Model

MeowFi follows a sustainable, performance based revenue model. A small performance fee is charged only on the yield generated for users, aligning incentives between the protocol and participants. Additional revenue streams include protocol partnerships, bribe routing fees, white label agent deployments, and premium analytics tools for advanced users and DAOs. This model enables long term growth without relying on inflationary token emissions.

Roadmap

Phase one focuses on testnet validation with simulated APYs, bribe logic, and automated rebalancing. Phase two introduces mainnet deployment, real yield sources, enhanced risk controls, and strategy optimization. Phase three expands MeowFi into a multi chain yield agent with DAO governance, advanced AI driven strategy selection, and integrations across the broader DeFi ecosystem.