



The Pioneering Crypto-AI Framework Built On LangChain

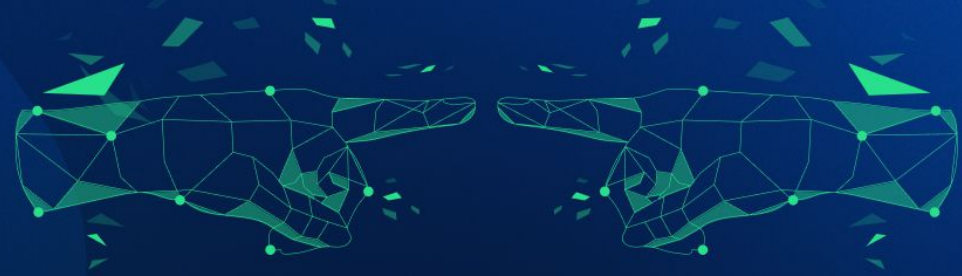
Introduction

LangAI is the pioneering crypto-AI framework built on LangChain, the industry-leading AI agent framework trusted by major companies and developers globally. By seamlessly enhancing LangChain's familiar architecture with advanced Web3 capabilities, LangAI empowers AI agent developers to integrate blockchain functionality effortlessly and innovate in the decentralized space.



Vision

To revolutionize AI agent development by seamlessly integrating Web3 capabilities into LangChain's proven framework, empowering developers to create autonomous, blockchain-enabled AI systems that drive innovation in the decentralized ecosystem.



Mission

To bridge the gap between AI and blockchain, enabling a future where intelligent, self-sustaining AI agents operate autonomously within decentralized networks, transforming industries through seamless blockchain interactions and financial independence.

Curious about the
groundbreaking AI framework
built on LangChain and its
game-changing benefits?

Let us show you what it
can do!



Framework Architecture

LangAI delivers unmatched platform compatibility, enabling seamless deployment across a variety of channels, including

01

Data adapters for seamless information flow.

02

Character systems for managing agent personalities.

03

Client interfaces for handling message interactions.

04

Extensible plugins to deliver broad functionality.

Platform Integration

LangAI delivers unmatched platform compatibility, enabling seamless deployment across a variety of channels, including:

Discord, GitHub, Twitter, Telegram, Farcaster and Slack

In addition, LangAI supports a full spectrum of LLMs: GPT, ChainGPT, LLaMA 3.1, DeepSeek R1, GPT-4o, Claude 3.5, and Gemini 1.5—offering flexible, tiered access for varied applications.



LangAI Is A Game-Changer For Developers, Redefining AI And Blockchain Integration!

Development Experience

For developers familiar with LangChain, LangAI offers an environment that feels instantly recognizable, maintaining full compatibility with LangChain's established patterns and components. This includes seamless support for prompt management, memory systems, and agent-based architecture.

By abstracting the complexities of blockchain interactions while preserving LangChain's intuitive development patterns, LangAI enables developers to focus on creating sophisticated AI applications without getting bogged down by low-level Web3 implementation details.

Bridging the Gap Between AI and Blockchain

Core Problems in AI Agent Development

Lack of Web3
Functionality

Integration
Complexity

Ecosystem
Fragmentation

We offer the solution!

LangAI seamlessly merges LangChain's AI capabilities with next-generation blockchain functionality—unlocking comprehensive wallet management, smart contract interactions, on-chain analytics, and multi-LLM support to bring AI agents on chain!

Architecture Components

LangAI's modular architecture equips AI agents with unique personalities, persistent memory, and blockchain capabilities. Built with TypeScript/JavaScript, Our architecture—comprising data adapters, character systems, client interfaces, and extensible plugins—facilitates not only secure digital asset management and smart contract execution but also comprehensive on-chain data queries, advanced wallet creation, and cross-chain operability.



Why LangChain?

LangChain's dominance in the AI development ecosystem makes it a strategic foundation for LangAI. Trusted by over 5,000 companies, including industry leaders like Rakuten and Elastic, it is widely adopted in enterprise environments.

Trusted by

5000+

Companies

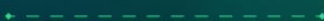


With 51% of companies using AI agents in production, LangChain's proven architecture offers a robust base, which LangAI extends into the Web3 domain to drive decentralized innovation and financial autonomy.

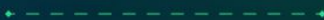


Major Companies Leveraging LangChain

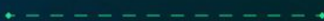
Uber



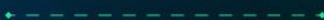
AppFolio



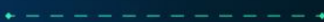
LinkedIn



Elastic

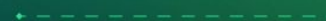


Replit

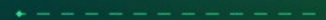


Popular Open-Source Agents

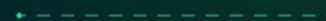
ColossalAI Chat



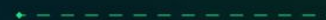
AgentGPT



Private GPT



BabyAGI UI



Leading Commercial Applications

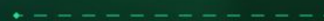
Cursor



Perplexity



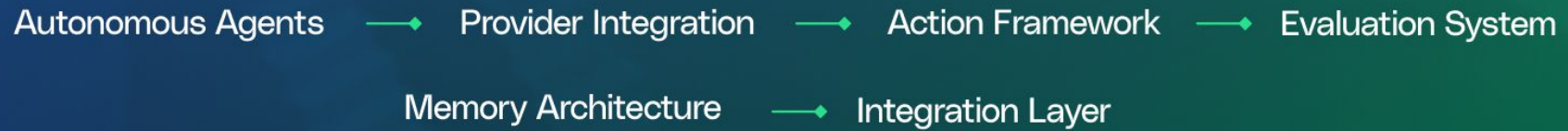
MemoryGPT



Let's explore how LangAI's fusion of LangChain's AI and next-generation blockchain capabilities is poised to transform decentralized innovation

Core Architecture

LangAI's architecture is built on six core components, creating a seamless framework for AI agents with integrated blockchain capabilities:



Key Potential Use Cases

AI Agent Trading & Financial Management

AI agents can autonomously manage portfolios, optimize DeFi operations like yield farming, and create revenue streams, all while reinvesting profits to streamline financial processes.



Autonomous Payment Processing

LangAI empowers agents to manage crypto wallets, execute payments, handle purchasing decisions, and perform high-volume transactions 24/7, eliminating financial limitations.

Web3 Functionality

Comprehensive on-chain data queries, smart contract interactions, and decentralized analytics powered by multi-LLM support.

Plugin Architecture

LangAI's plugin-based architecture ensures flexibility and scalability, enabling seamless interactions between AI agents and decentralized platforms. Its modular design allows developers to extend capabilities for diverse Web3 use cases.



Advanced Blockchain Integration

Secure payment processing, robust asset management, and dynamic wallet creation



EVM Optimization

Tailored for EVM networks, granting access to the largest decentralized ecosystem, standardized multi-chain architecture, and extensive developer tools.



Extensibility

Modular plugins allow easy integration of new Web3 functionalities and enhanced developer protection

Security Infrastructure

LangAI prioritizes security with advanced safeguards for reliable operations in decentralized environments. Its robust infrastructure includes:



01

Protects sensitive operations through Trusted Execution Environment (TEE) technology, securing private key management, agent credentials, and communication channels.

02

Built-in ERC support, cross-chain bridge integration, and secure smart contract wallet management.

03

Enhances efficiency and resilience with parallel processing, automated transaction retries, MEV protection, and predictive error handling through transaction simulation.

LangAI's Native Token: \$LAI

The \$LAI token introduces a contribution-based tokenomics model to drive growth within the LangAI ecosystem. It incentivizes developers, researchers, and community members to contribute through activities like code submissions, bug fixes, plugin development, and community support.



Token Utility

Earned through contributions and used to unlock premium features, priority support, and early access.



The \$LAI Fund

Subscription and on-chain transaction fees will fund regular \$LAI token buybacks to reinforce token value.



Investment Structure

A portion of tokens will be allocated to incentivize innovative agent development, creating a dynamic, self-sustaining flywheel for decentralized innovation

1

Foundation & Initial Features

Core Integration & MVP Launch:

- Build on LangChain's proven framework, integrating essential blockchain features for secure wallet management, on-chain transactions, and smart contract interactions.
- Deliver a streamlined MVP featuring GPT-based LLM support alongside Twitter and Telegram integrations

Open-Source Release & Developer Onboarding:

- Establish initial documentation and tutorials to lower the barrier to entry and encourage early contributions

2

Feature Expansion & Multi-LLM Support

Enhanced Language Model Ecosystem:

- Expand support to additional LLMs—ChainGPT, LLaMA 3.1, DeepSeek R1, GPT-4o, Claude 3.5, and Gemini 1.5—offering tiered access to premium models based on user needs.

Advanced Blockchain Capabilities:

- Introduce Expanded Smart Contract Interactions and comprehensive Blockchain Data Queries to empower agents with richer on-chain insights and functionalities.
- Develop advanced wallet creation and management features, including cross-chain operability, to ensure robust financial autonomy.

Platform Integration Expansion:

- Extend integrations to platforms such as Discord, GitHub, Farcaster, and Slack, further broadening the ecosystem's reach and collaborative potential.

Monetization Initiatives:

- Launch tiered subscription plans and offer customized deployment options for enterprise clients. Begin implementing a fee model on blockchain transactions to drive revenue.

3

Ecosystem Growth & Token Flywheel Activation

Optimization & Enhanced Developer Protection:

- Refine performance, security, and developer tooling, ensuring a resilient platform for sophisticated agent development.

Token Economy & Revenue Reinvestment:

- Use blockchain transaction fees and subscription revenues to buy back the \$LAI token, reinforcing its value.
- Allocate tokens to fund and incentivize the creation of innovative agents, establishing a self-sustaining flywheel that drives further ecosystem innovation.

Ecosystem & Community Expansion:

- Launch developer incentive programs and collaborative initiatives to continuously attract high-quality contributions and groundbreaking use cases.
- Explore additional integrations and enhancements to keep LangAI at the forefront of decentralized AI innovation.

