

KaJ Labs Advances AI-Native Infrastructure Standards for Web4 Networks

The initiative focuses on establishing structured standards for AI execution, interoperability, and decentralized coordination across emerging Web4 systems.



Singapore, Singapore Mar 24, 2026 (IssueWire.com) - [KaJ Labs](#) has advanced the development of AI-native infrastructure standards designed to support the next generation of decentralized systems operating within Web4 architecture. The initiative focuses on creating structured frameworks that define how artificial intelligence integrates with blockchain networks, enabling coordinated, verifiable, and interoperable execution across decentralized environments.

The standards development effort addresses key challenges associated with integrating AI into decentralized systems, where intelligent computation must operate within transparent and economically governed frameworks. By defining structured execution models, KaJ Labs aims to ensure that AI interactions within blockchain environments remain verifiable, consistent, and aligned with decentralized governance principles.

Central to this initiative is the introduction of standardized approaches to AI execution, including defined interaction models between smart contracts and AI services, cryptographic verification of outputs, and structured cost governance. These standards are designed to reduce fragmentation across decentralized ecosystems by enabling consistent integration patterns for AI-enabled applications operating across multiple blockchain networks.

The framework also supports cross-chain interoperability by establishing common protocols for how

intelligent systems coordinate state, execute tasks, and interact across decentralized infrastructures. This approach reflects the growing need for systems that can operate beyond isolated networks, enabling intelligent applications to function across interconnected blockchain environments.

“Web4 infrastructure requires standardized frameworks that allow intelligent systems to operate across decentralized networks,” said [J. King Kasr](#), Chief Scientist at KaJ Labs. “By advancing AI-native standards, we are establishing the foundation for systems where intelligence, coordination, and verification are built directly into the infrastructure layer.”

The advancement of AI-native infrastructure standards reflects a broader shift toward decentralized systems where artificial intelligence is integrated as a core component of execution. As blockchain ecosystems evolve, standardized frameworks are expected to play a critical role in enabling scalable, interoperable, and verifiable intelligent applications.

Through this initiative, KaJ Labs continues to contribute to the development of infrastructure designed for Web4 environments, where decentralized networks coordinate intelligent processes across distributed systems while maintaining transparency, security, and governance.

About KaJ Labs

KaJ Labs is a decentralized research organization focused on advancing artificial intelligence and blockchain infrastructure. The organization develops technologies designed to support AI-native decentralized systems and interoperable digital ecosystems.

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