

Rapid deployment of Web3 games and apps

- Whether your Web3 project is at the pre-launch stage or you're already in-market with NFTs, rapid deployment is likely a major concern
- We embed the Kaiju Stack in our consulting and game development services to give our clients the immediate benefit of shared tools and expertise
- In response, Robot Sea Monster developed the Kaiju Stack, a technology platform that enables us to produce Web3 games and apps quickly
- The Kaiju Stack combines Robot Sea Monster innovation with industry-standard platforms like Microsoft PlayFab and Photon to power up our production team



Benefits

Time to market

Design, develop, and launch an MVP solution in a matter of days, not months

Market feedback

Bootstrap your Web3 economy with a product roadmap that yields immediate market response

Risk management

Increase project control and manage costs by breaking your project into viable releases and predictable sprints

01 FOUNDATION

The Foundation layer allows you to move straight into designing and developing your game, without spending precious time on backend scaffolding.

Key foundation features include:

- Token-connected game engine
- Server deployment
- Economy templates
- Introductory community features, such as chat
- Initial economy launch

02 ECONOMY

The Economy layer is critical for interoperability with blockchain and traditional cash transactions. These features support fast integration with the most common systems:

- Store management
- Integration-ready credit card payment
- Minting on demand for Ethereum, Polygon, and Wax
- Blockchain tokens as in-game assets
- Gasless transactions within the environment

03 GAMIFICATION

The Gamification layer is useful whether you're building a game or an application with embedded game elements. The following features speed up development for key gaming components:

- Build habit loops with reward systems and timers
- Inspire player competition with leaderboards
- Promote community identification with badges
- Drive complex player interaction with quests

04 COMMUNITY

The Community layer deepens user engagement using networks, teams, and communications with these features:

- Basic access infrastructure, including user registration, authentication, and login
- Integration with social networks like Facebook, Steam, XBL, and custom networks
- User generated content
- Guilds and guild leaderboards
- Chat features, such as speech-to-text, text-to-speech, and translation
- Communications via in-game title news, email templates, and push notifications

05 OPERATIONS

The Operations layer supports the scalability and reliability of solutions through integration with Microsoft Azure PlayFab and Photon

- Free support for up to 100K users
- Guaranteed uptime
- Operations dashboards
- Data analytics

How Robot Sea Monster uses the Kaiju Stack to develop Web3 solutions

Benefits

Scalability

Start lean, then without changing operating platforms, grow your user base to mass scale

Reliability

Achieve five-nines reliability starting Day 1 by operating on the world's largest gaming platform

Player confidence

Allow users to buy virtual assets and provide access to these assets in a transparent manner

Cost control

Save money by leveraging Robot Sea Monster experience built into our code base and libraries

Brand value

Build and maintain the trust of our user base by delivering to their expectations, release after release

Examples of how Robot Sea Monster uses the Kaiju Stack for Web3 solutions:

For a pre-launch client, we created a feature roadmap to build confidence and brand trust with their audience as specific sales milestones are met.

For a client with NFTs already in the market, we launched the game framework with identity management, so users can log in and see NFT functionality as it rolls out.

Before gameplay is available, we can launch stores, quests, experience points, and crafting, using timer quests and staking contests as precursors to gameplay.

For social media engagement and brand awareness, we can offer guild leaderboards, guild-building contests, and other viral challenges such as currency rewards.

Provide guild-specific stores and run inner guild contests, with the winners getting collectable items for sales exclusive to the client's store.

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