How to Create a Web 3.0 Jumping Game (2-Hour Online Coding Class)

**Details**

🎮 Ready to level up your game development skills? Join our live coding session to learn how to create a Web 3.0 jumping game with a game-changing twist - integrated NFTs that will take your player engagement to the next level! 🚀

Join us for an exciting live coding session where we'll build a Web 3.0 NFT Jumping game inspired by Doodle Jump.

During this session, we will:

* code and deploy a smart contract for minting NFTs
* create a front-end for an interactive game with only HTML, CSS and JavaScript
* integrate the front-end with the smart contract so that players can mint the NFTs they won by playing
* learn about leading tools for coding and contract deployment
* preview the potential of NFTs and blockchain to change the gaming industry

This webinar is ideal for developers looking to get started with blockchain. Bonus but totally optional - an interest in gaming! 🙌

**What to prepare before attending**

1. MetaMask - Go to [metamask.io](https://metamask.io/) and create a wallet if you don’t already have one. Install the extension on your browser of choice.
2. Use a computer with an Internet connection instead of a phone, as we will be doing some hands-on coding during the session!
3. Optionally, add the Mumbai test network from [chainlist.org](https://chainlist.org) (make sure “Show test networks” is enabled!) and get some test tokens from [mumbaifaucet.com](https://mumbaifaucet.com/).
4. You may also want to create a free account on [codesandbox.io](https://codesandbox.io/) for coding our front-end code.

If you’re unable to do step 3 and 4 before the webinar, that’s A-OK! 👌

**FAQs**

Q: Do I need to have any prior experience/knowledge with web development to attend this webinar?

A: No prior experience with Ethereum or Solidity is required, but some familiarity with web technologies like JavaScript would make it easier to follow along (and enjoy!)

Q: Is this webinar suitable for advanced web developers?

A: While this webinar is designed for beginners, experienced web developers who are new to blockchain may find insight and ideas for web projects that can be created on the blockchain!

Q: What tools do I need to follow along with the webinar? Do I need to download and install anything?

A: You will need a MetaMask wallet and extension installed. Following along from a desktop/laptop is highly encouraged if you wish to code along easily during the session. Besides that, we will be using browser-based code editors - no download or install required!

Q: What programming languages will be used to build the game?

A: The game will be built using Solidity for coding the smart contract, HTML, CSS, and JavaScript for building the front-end website.

Q: How are NFTs integrated into the game?

A: NFTs will be integrated into the game by allowing players to collect and mint them as skins for their character.

Q: Do I need to spend anything for the session?

A: We will be using test tokens and deploying to a test network on the blockchain. No real currency will be used!

**Did we mention the class is free?** 😲 Don’t miss this chance to come and build an addictive blockchain-compatible game and meet with fellow blockchain enthusiasts! 🎯