



# The Genesis

01 Feb, 2022

**Tech-Verse**

**Hardware  
Tech**

**Cyber-  
Space**

**The  
Cosmos**

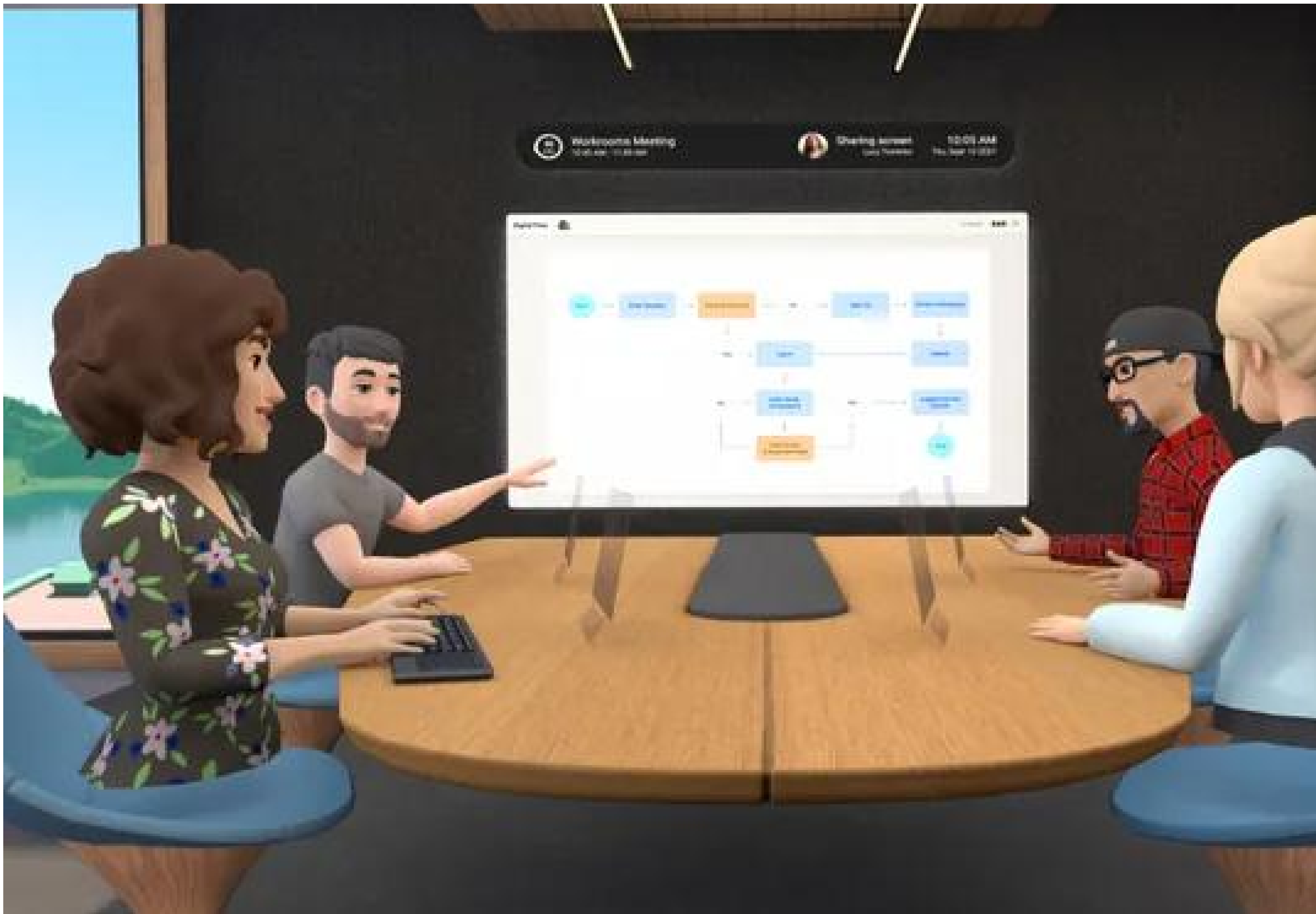
**Stock N'  
Crypto**

**Boundless  
Creations**



# METaverse: THE BOOMING TECHNOLOGY

The monthly newsletter of The Genesis



What's inside  
this:

*Growing your  
knowledge about  
Metaverse*

## CONCEPT OF THE META-VERSE BECOMING A BUZZWORD IN TECHNOLOGY AND BUSINESS

Meta-verse is a broad term. It generally refers to shared virtual world environments which people can access via the internet. The term can refer to digital spaces which are more lifelike by the use of virtual reality (VR) or augmented reality (AR). Some people also use the word Meta-verse to describe gaming worlds, in which users have a character that can walk around and interact with other players.

There is also a specific type of meta-verse which uses block-chain technology. In these, users can buy virtual land and other digital assets using cryptocurrencies.

Many science fiction books and films are set in fully - fledged Meta-verses- alternative digital worlds which are indistinguishable from the real physics world. But this is still the stuff of fiction. Currently, most virtual spaces look more like the inside of a video game than real life.





# QUANTUM COMPUTING

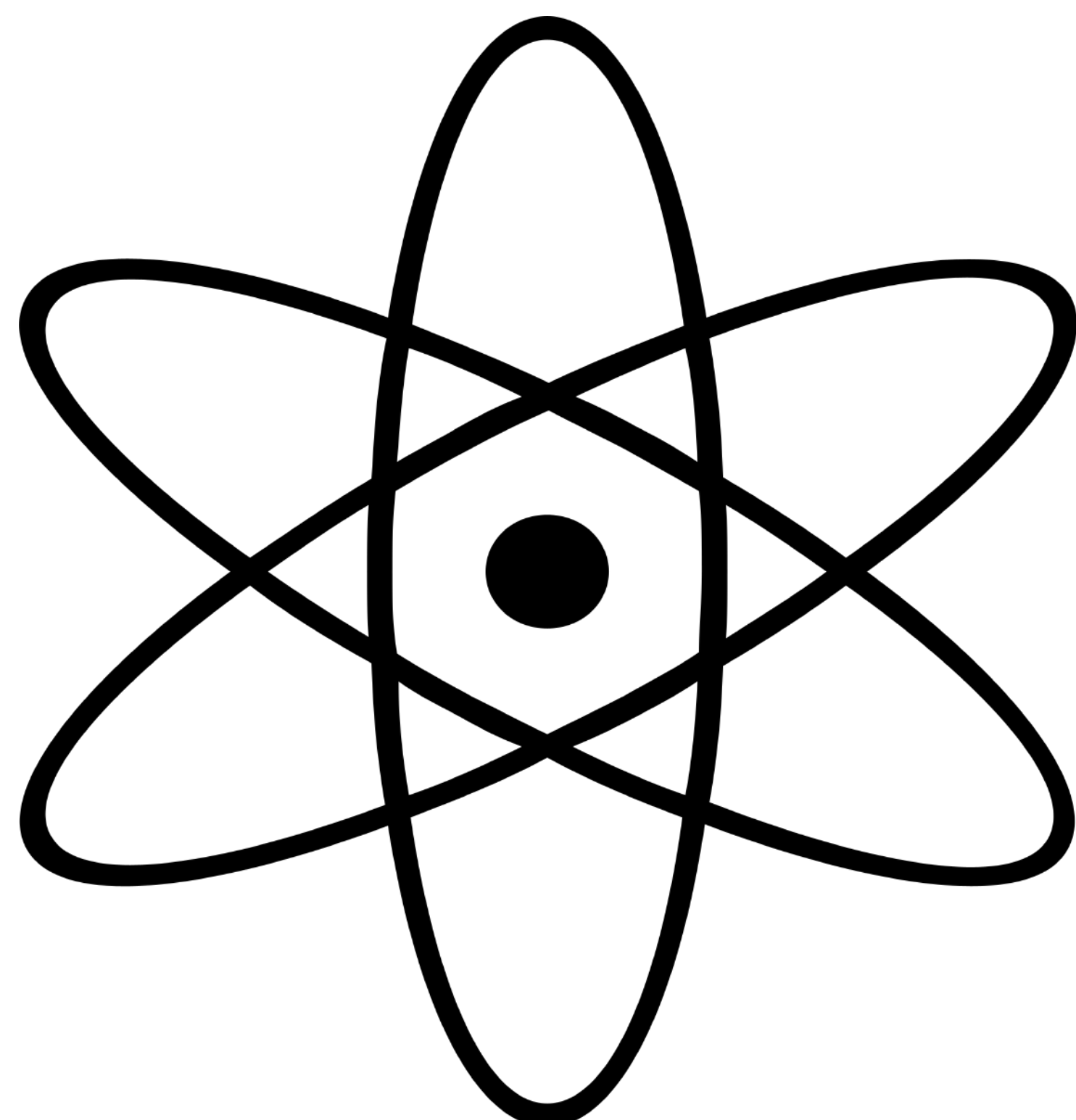
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Quantum computing is very real. It deals with the topics that are considered science fiction by normal people like PARALLEL UNIVERSES, MULTI-VERSE THEORY. It is computing technology based on the laws of QUANTUM PHYSICS, which deals with the behaviour of energy and matter at quantum level. A fully functional quantum computer would be able to perform multiple calculations simultaneously which would increase its speed a million times more than even the most powerful supercomputers today. That is where quantum computing comes in. Universal Quantum Computers use the unit QUBITS instead of bits.

In quantum computing a QUBIT can be in both (0 and 1) simultaneously, a property that is called superposition. For example, if there are 4 bits, then these bits together can represent  $2^4=16$  values in total but they can only hold 1 of these 16 values at a time. But if there are 4 QUBITS, then these QUBITS together can hold all of these 16 values simultaneously!. That's the magic of Quantum Computing!!!

## Did You Know?

The Symbol of Quantum  
looks Like





# THE Log4j VULNARABILITY

THE OFFICIAL NEWSLETTER OF THE GENESIS



## THE LOG4J VULNARABILITY IS AND WHY YOU SHOULD BE WORRIED

Log4j is a logging utility for Java-based applications. Software applications often need to “log” what happens in them, which means listing down data encompassing everything from the user’s IP address to their browser and what they use the program to do. Since log4j was distributed under the Apache Software Licence, it is open source and is a popular library for Java apps.

On November 24, a zero-day vulnerability (one that has been disclosed but not patched) was announced.

Many software use logs for development and security purposes. Log4j is a part of this logging process.

Log4j is part of our daily use of systems and devices used by individuals. The best thing you can do to protect is to make sure your all devices, systems and software are as up to date as possible and look for the next upcoming update.



# JAMES WEBB TELESCOPE

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## THE JAMES WEBB TELESCOPE FINISHES DEPLOYMENT IN SPACE

**On Christmas day, NASA launched the James Webb telescope. If successful, it could alter humanity's understanding of its place in the universe reinvigorate American science and technology but at the cost of some \$11 billion, the new instrument is also a significant risk. NASA has no plan B, if it fails.**

**The James Webb telescope has been fully deployed in space on 8th January, 2022. The space telescope successfully deployed the primary mirror. This marked the successful end of all the crucial deployments it was supposed to undertake. Webb is now cruising to its new home the L2 Lagrange point 1.5 million Km away. It is expected to reach there within the next couple of weeks. Webb's deployment was one of NASA's most complicated space craft activities. It involved the deployment of various components in a sequence. The telescope was launched abroad on Ariane rocket on December 25.**





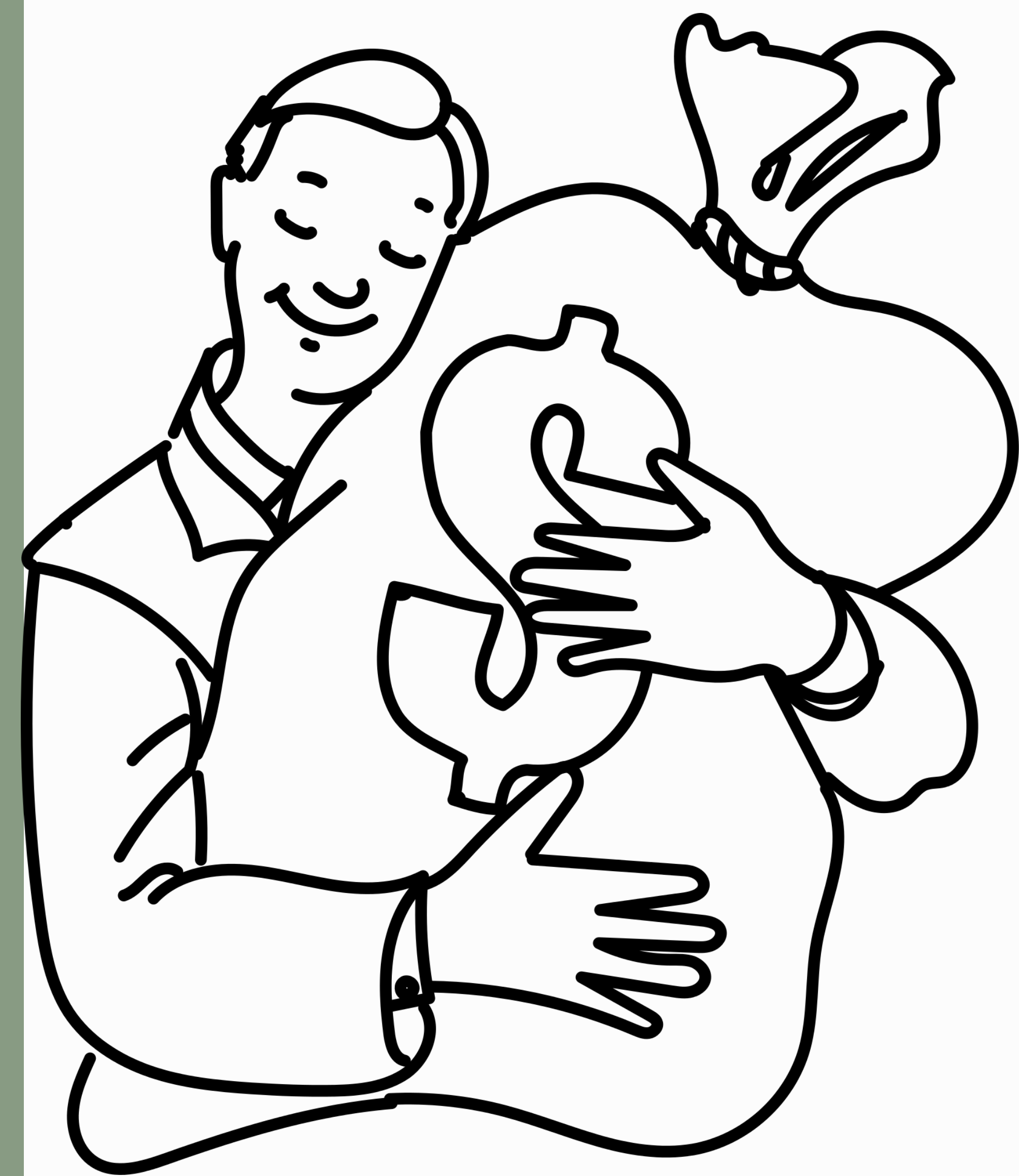
# NFTs

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Non-fungible token is a unique digital identifier that cannot be copied, substituted, or subdivided, that is recorded in a block-chain, and that is used to certify authenticity and ownership (as of a specific digital asset and specific rights relating to it). NFTs have been a speculative investment, and they have drawn criticism for the energy cost and carbon footprint associated with validating block-chain transactions as well as their frequent use in art scams. NFTs are mostly used in digital art, as a common use case for NFTs. High profile auctions of digital art as NFTs have received considerable public attention, with the work “Merge” by artist Pak being the most expensive auction at US \$69.3 million in 2021

One of the greatest advantages of the NFT technology is that it allows artists and content creators to retain their full copyright. This is uncommon in most licensing agreements. This allows them to still generate revenue without giving up their copyrights..

## THIS MONTH'S FEATURED ARTICLES



### Did You Know?

You can use NFTs to buy land in Metaverse



- श्रजल साहू

By Artistic Nandan

WHAT MATTER MOST IS HOW WELL  
YOU WALK THROUGH THE FIRE.  
– CHARLES BUKOWSKI

# CREATION

# BOUNDLESS



Teachers when they add  
“And Just Have Fun!” to the  
instructions:



तागे की तरह उलेझी हैं  
गले में सांसें  
लबों पे दब गए हैं  
दो बोल प्रेम के  
दिल जो अभी तलक भाग रहा था  
अचानक से थम गया है  
रगों में दौड़ता खून  
अचानक से जम गया है  
जहन में जो तस्वीर थी प्रिय की  
गोलियों से छलनी छलनी हो गई है  
किसी माँग का सिंदूर उजड़ गया है  
पत्तों सी सूख गई है मुस्कान चेहरे की  
गमों का गहरा साया  
आँखों में काजल बन ठहर गया है  
चीख चीख के बिखर गई हैं चूड़ियाँ  
माँ की कोख से कोई बच्चा  
हँसते हँसते उड़ चला है  
और ओक में रह गए हैं  
खून से सने गालों के सन्नाटे  
खबर आई है  
झंडे में लिपट के सो गए हैं सिपाही  
नाचो कि "जश्र" का माहौल है

- Aman Shrivastava

Artpage

literally me  
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Yeah it will very good for the  
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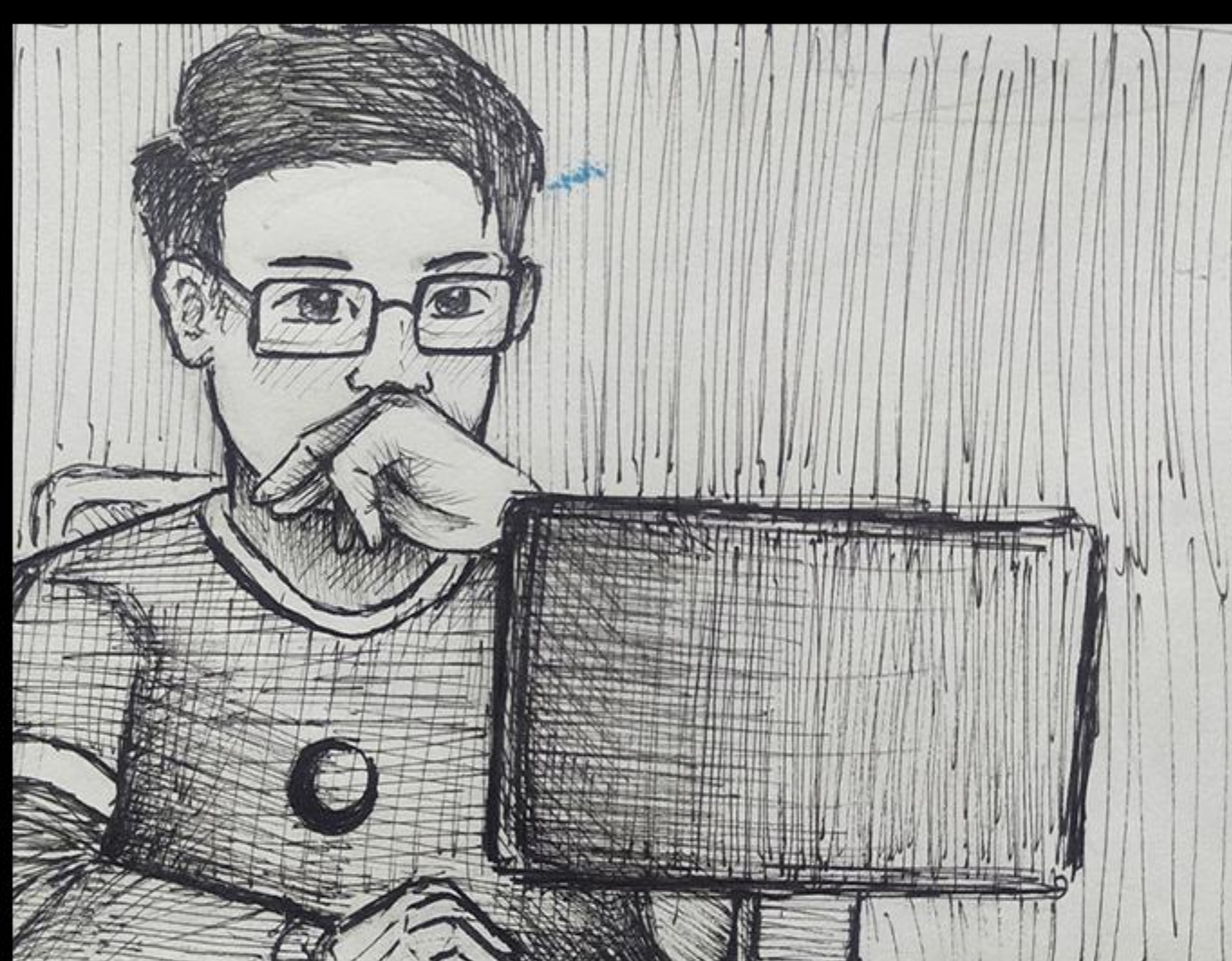
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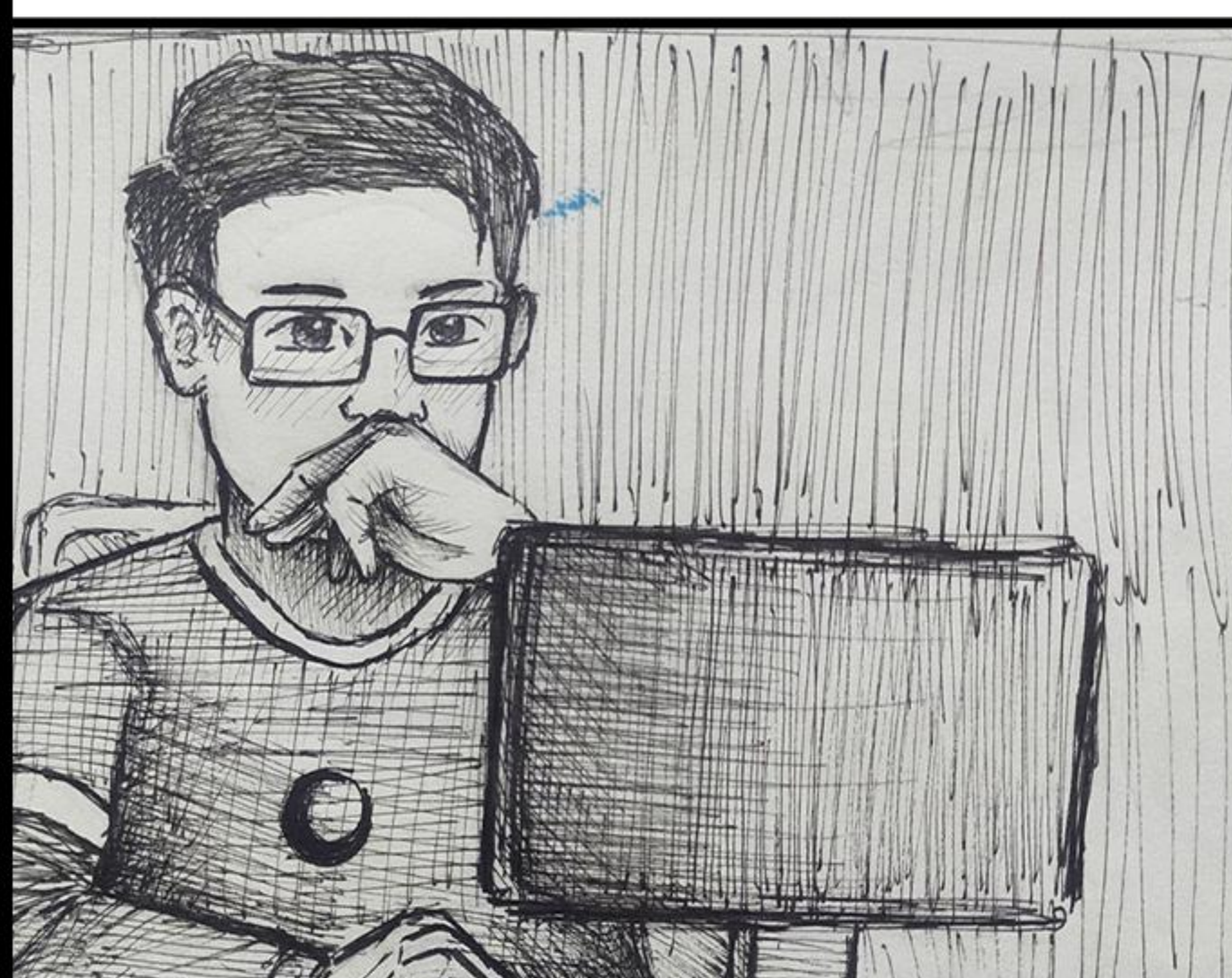
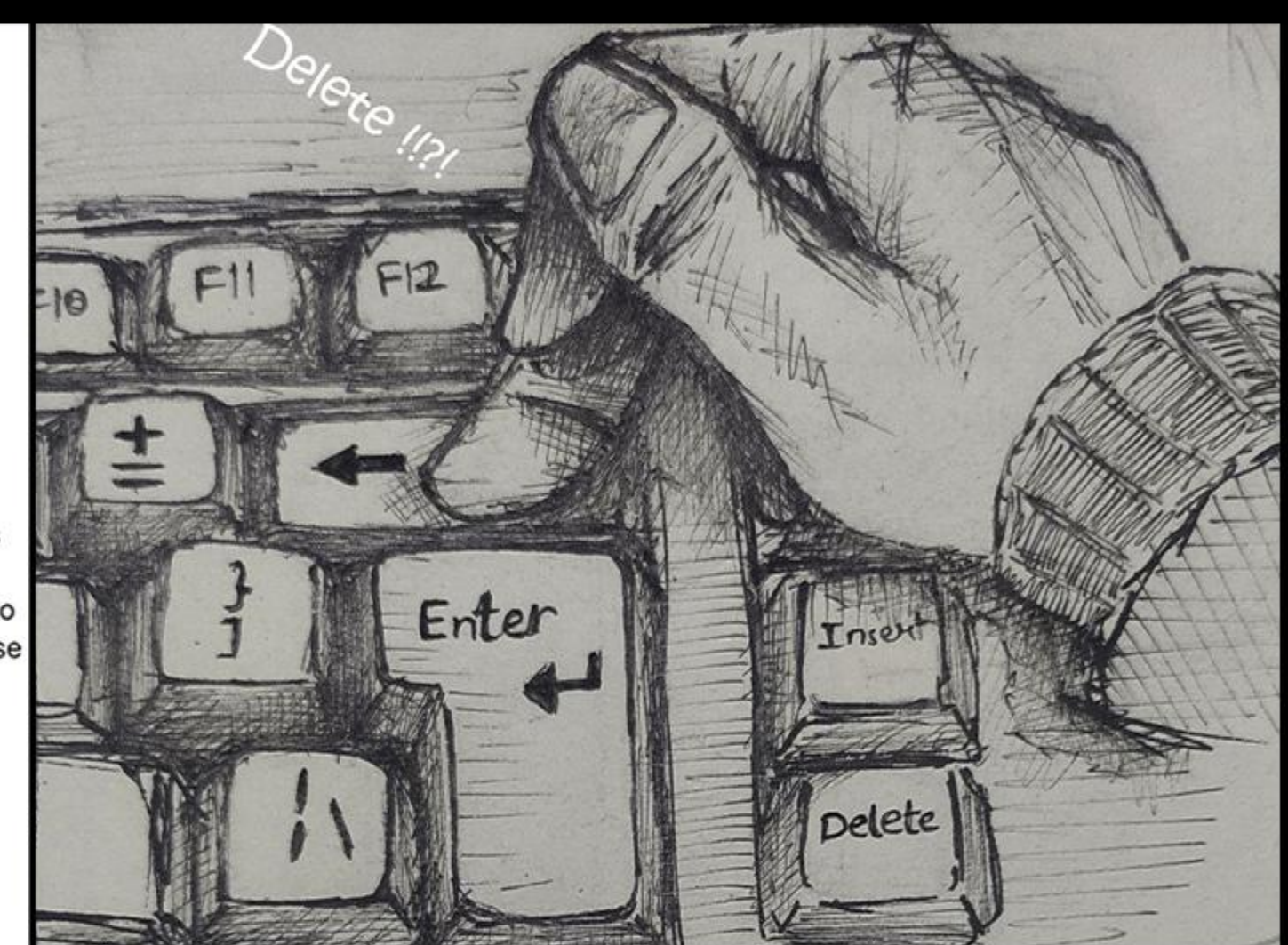
by Anderson and KenpaChi\_udyan



WHAT YOU DON'T KNOW

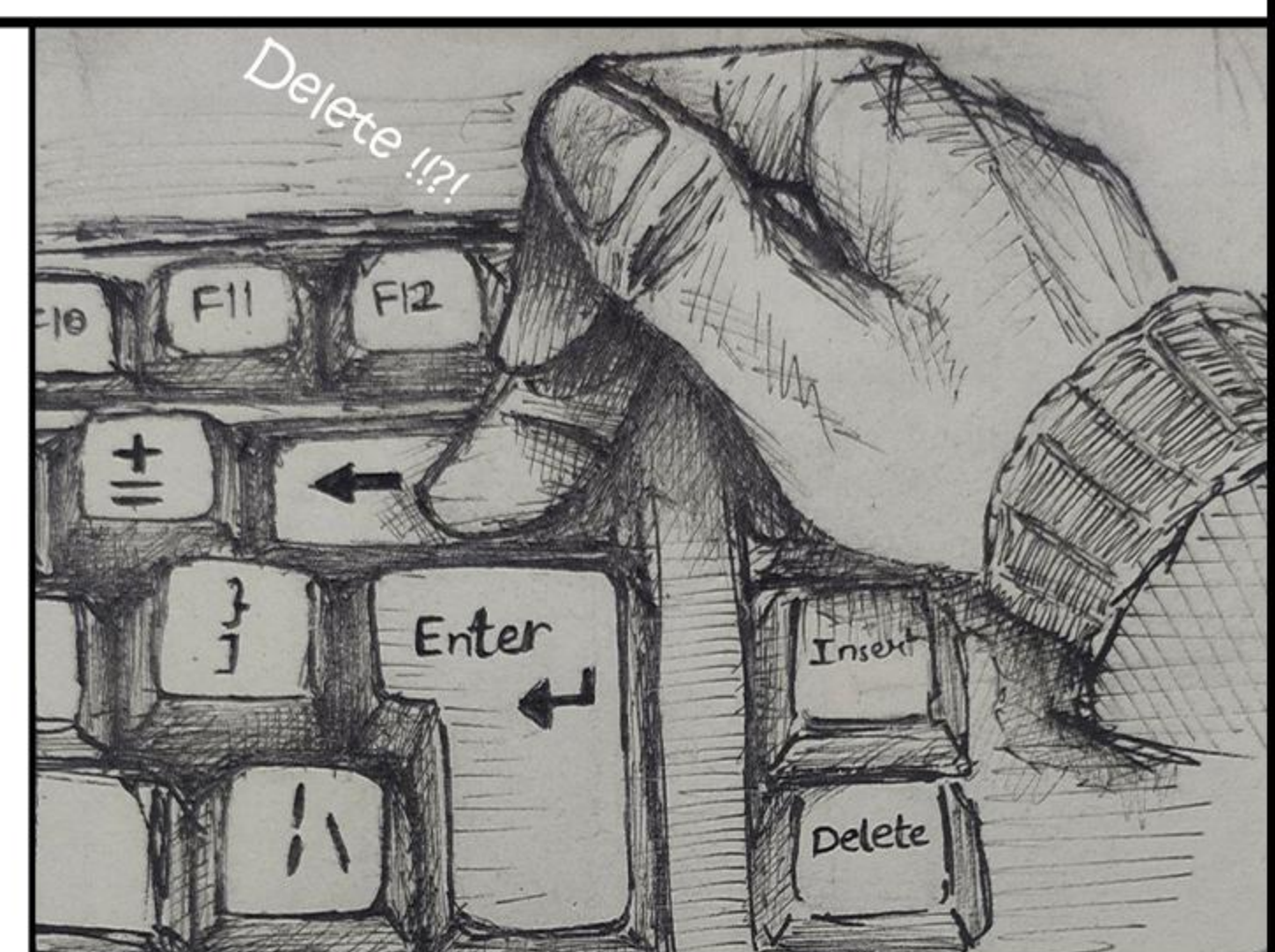
MODERN CHINESE DICTATORSHIP

A freshly leaked document from inside the Chinese Government hints towards oppression of minorities residing in China like Uyghurs, Kazakhstans, ethnic Christians and Muslims . The government is "ASKING" the residents to move to these special "TRAINING SCHOOLS" with their families, what will be otherwise called moving people to Detention Camps.



WHAT YOU DON'T KNOW

MEN'S MENTAL HEALTH AND PSYCHOLOGY



Special Thanks to Paw

Editor - Mr.Anderson



WHAT YOU DON'T KNOW

HOW SUSHANT SINGH RAJPUT'S DEATH WAS  
MURDER RATHER THAN SUICIDE

The twists and turns in the Sushant Singh Rajput case would outfox even the most skilled of Bollywood's storytellers. The death of the 34-year-old actor at the height of his popularity stunned the country. His fans thought it was a suicide brought on by immense inner mental torment, an affliction he hid from the world. Then, as the drama unfolded amid a pandemic and a lockdown, an army of warriors started playing detective on social as well as conventional media. These self-appointed sleuths first billed his death as an outcome of the "movie mafia" in Mumbai filmdom, denying talented outsiders such as Sushant their due. Then, after an unexplained hiatus of 40 days, Sushant's family alleged foul play. The spotlight then shifted to Sushant's girlfriend Rhea Chakraborty and her family, whom Sushant's father Krishna Kishore Singh accused of siphoning off Rs 15 crore from his account and having abetted his suicide.



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