

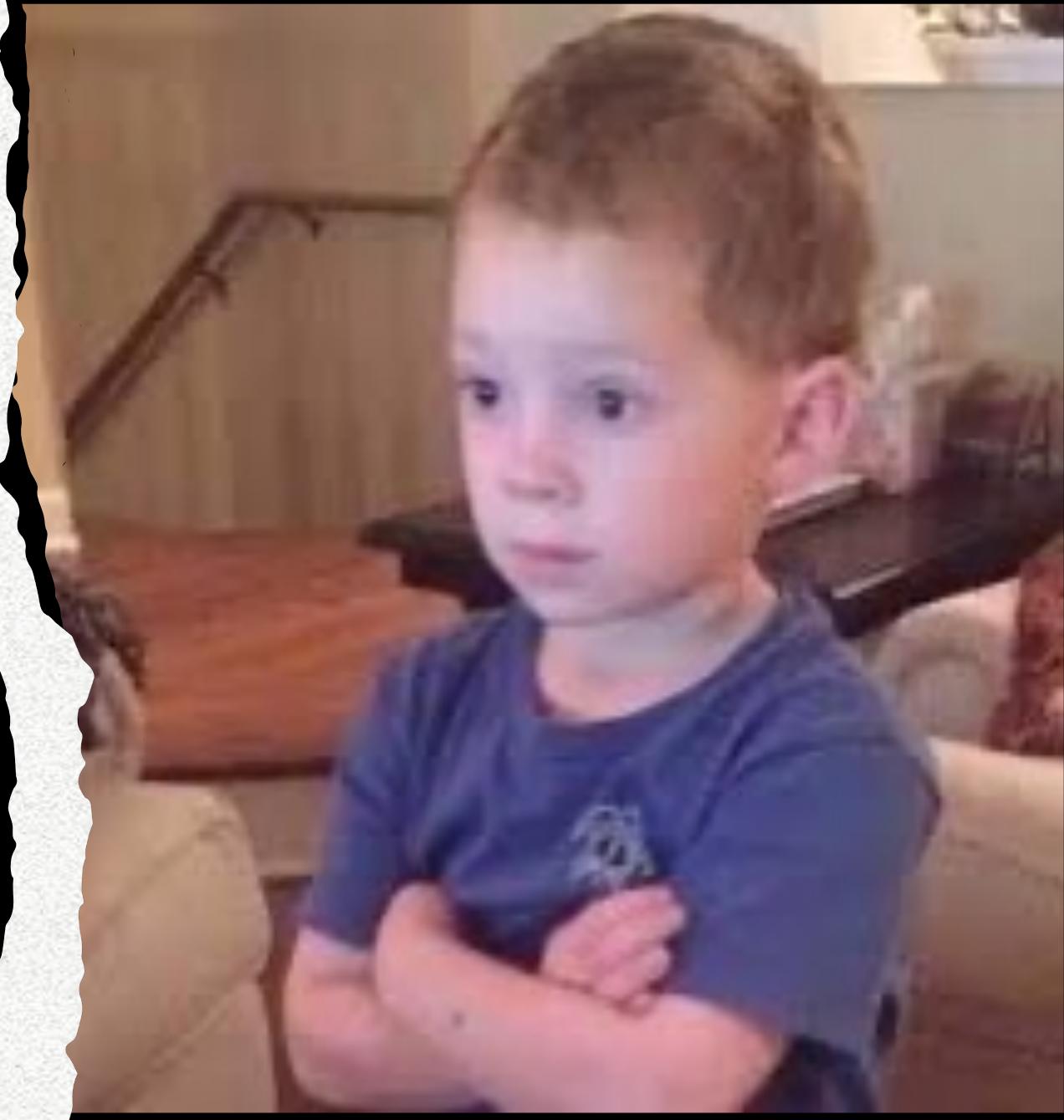
Gist:

Some Non-Healthy Conversations



End Goals:

- More People Into Web3
(Would be great If you choose Web3 Security)
- Help you to land Into Your First Job – Pre-College
(OR)
Help you to make your first \$\$\$ in next 4-6 months
- Keep you engaged till the end! (Hard for me)



So, What's the BlockChain?

(Type 1)

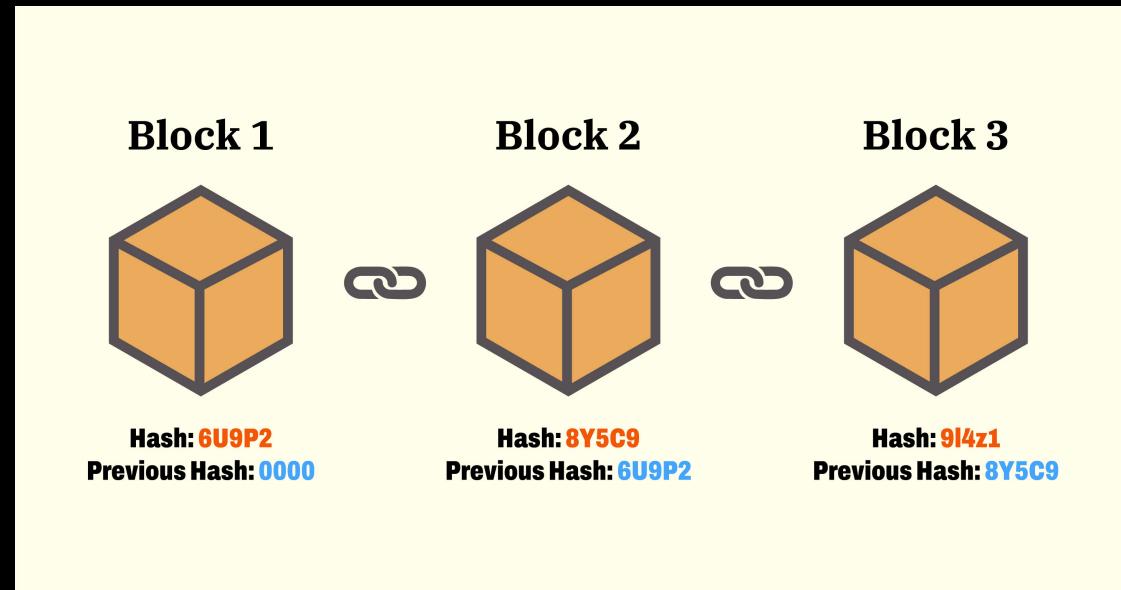


(Type 2)

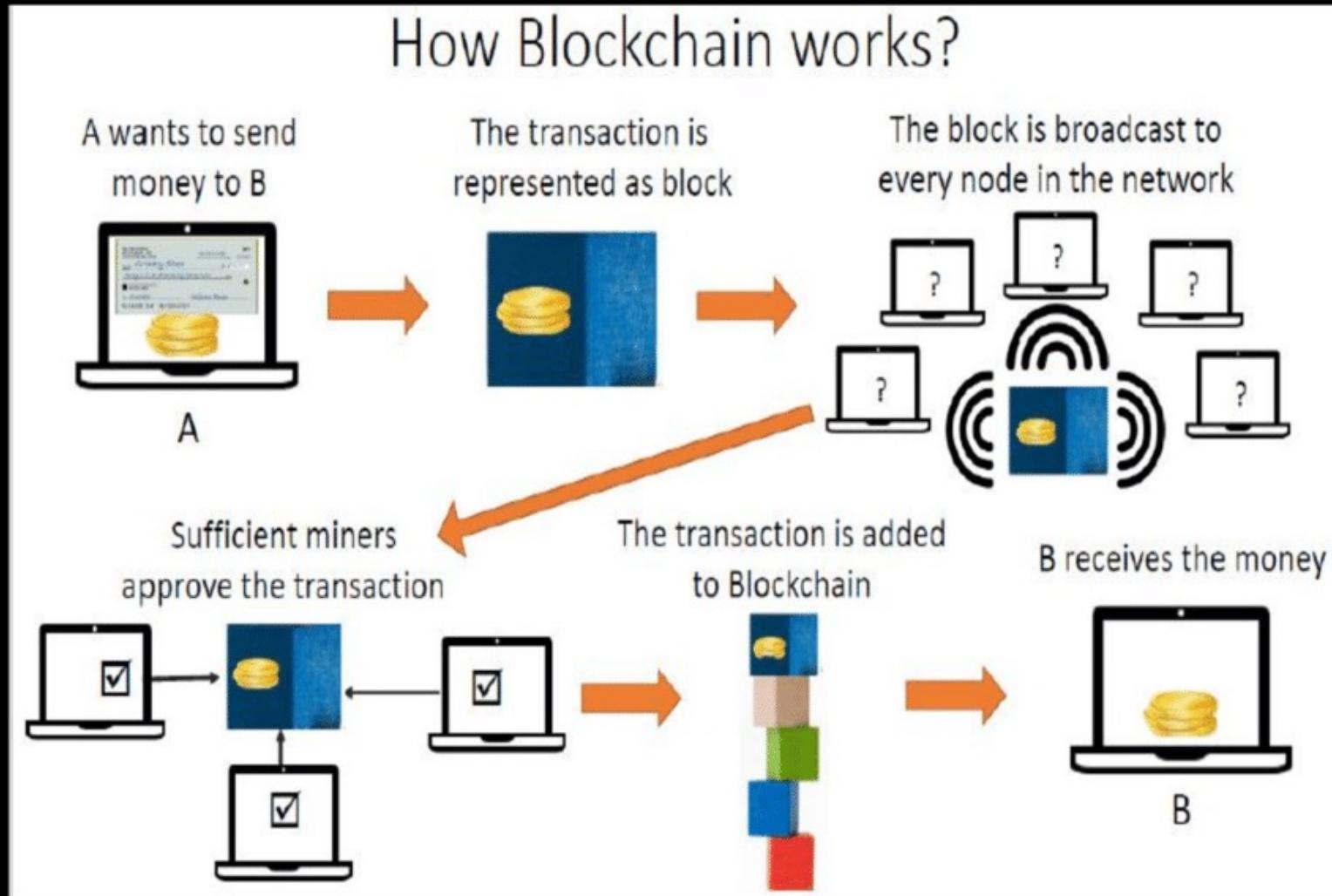


The Real Definition of 'Blockchain'

- Blockchain is an immutable digital ledger(block) that enables secure transactions across a peer-to-peer network.
- It records, stores, and verifies data using decentralized techniques to eliminate the need for third parities – like Banks or Governments.



How Blockchain Works: The Tech (Simplified)



Why the HYPE?

Differences between Web1.0, Web2.0 and Web3.0



Web 1.0
read-only
static



Web 2.0
read-write
interactive



Web 3.0
read-write-trust
verifiable

- Web1.0 was the first generation of the internet where users could only consume information without contributing to it. Websites were static and lacked interactivity
- Web2.0 introduced dynamic websites with user-generated content and social media platforms. Users could now interact with each other and contribute to the content.
- Web3.0 is the next evolution of the internet where decentralized applications (dApps) and blockchain technology are used to create a more secure and transparent web. Web3.0 aims to solve the problems of centralization and privacy by using decentralized networks and cryptography. It allows for peer-to-peer transactions without the need for intermediaries

- In my opinion, the Hype is all about Cryptocurrency. The sudden rise in price of Bitcoin and Ethereum made every common man curious and to made them to invest.
- Besides that, The Technology is so interesting...We don't need to share our personal data to anyone in order to make payments. And the whole data is public which means one can verify the other transactions without actually knowing about themselves.

- Another reason why people are moving towards Web3 Security is because of “MONEY 💰”.

Superfluid - Super Token Smart Contracts \$ 100,000

Superfluid protocol provides an ERC20 compatible token standard called "Super Token", that allows tokens to do more, namely money streaming, money distribution and on-...

Category Protocol Type smart contract

Duration 23 May 2023 - ∞ new Submitted reports 6 Hackers 4

★ Triaged by HackenProof Explore program

TETU Smart Contracts \$ 1,000,000

Tetu is the money lego asset management that provides automated DeFi solutions. With Tetu, users can unlock the web3 finance

CyberSec rating CERTIFIED B Category DeFi · Platform Type smart contract

Duration 19 May 2023 - ∞ new Submitted reports 7 Hackers 4

★ Triaged by HackenProof Explore program

Exzo Network Protocol \$ 100,000

Exzo Network is an innovative blockchain platform that boasts exceptional features, including an innovative time architecture, efficient transaction processing, and a...

Category Protocol

Duration 02 May 2023 - ∞ new

★ Triaged by HackenProof Explore program

1	Barracuda3172 Name	959 Whitehat Score	\$13,010,000 Total Earnings	4 Paid Reports
2	RetailDdene2946 Name	735 Whitehat Score	\$10,020,000 Total Earnings	2 Paid Reports
3	PwningEth Name	605 Whitehat Score	\$8,000,000 Total Earnings	8 Paid Reports
4	Bobface Name	252 Whitehat Score	\$3,301,000 Total Earnings	4 Paid Reports
5	gegul Name	210 Whitehat Score	\$2,710,632 Total Earnings	7 Paid Reports
6	Oralie96051 Name	192 Whitehat Score	\$2,386,250 Total Earnings	8 Paid Reports
7	LonelySloth Name	177 Whitehat Score	\$1,733,707 Total Earnings	36 Paid Reports
8	saurik Name	149 Whitehat Score	\$2,000,042 Total Earnings	1 Paid Reports
9	thec00n Name	149 Whitehat Score	\$2,000,000 Total Earnings	1 Paid Reports

NAME	MAX BOUNTY	TOTAL PAID	MED. RESOLUTION TIME	LAST UPDATED	
LayerZero (The World's Largest...	\$15M	Private	Private	17/5/2023	View bounty
MakerDAO	\$10M	\$337k	15 hours	5/5/2023	View bounty
Reserve	\$5M	-	7 hours	2/5/2023	View bounty

\$105K
**PER YEAR
AVERAGE**

\$33K
**PER YEAR
(BOTTOM 10%)**

\$200K
**PER YEAR
(TOP 10%)**

4668
**APPROVED
SALARIES**

(Avg Salary of Web3 Smart-Contract Auditor)

The average Web3 developer salary is \$135k - \$200k per year.

(Avg Salary of Web3 Developer)

Learning Web3 Security is Easy!



Who is msg.sender?

- I'm Gowtham Naidu Ponnana, an 19y/o Security Researcher.
- Top Researcher of Year 2022 @HackenProof.
- < 250th Ranking on @Immunefi [More than 6 paid vulnerabilities] & 34th on Hackenproof

• Head of Security  **Cryptoforce**



• Security Researcher

• Secured/Hacked more than 40+ Crypto-platforms & 20+companies. (saving around \$400M - \$500M)



Gowtham Naidu Ponnana 
@gowtham_ponnana

G+O+W+T+H+A+M = 7 Letters.

#Thala for a reason 

Promote ...

The Reasons to start into Web3 Security:



Smit 🎧💡 ✅
@0xSmit

More than 90% Web3 security researchers won't know what is XSS and RCE.

Mudit Gupta ✅ @Mudit_Gupta · Dec 11

There's a public XSS with assumed RCE in CS2 right now lol.

Imajin hackers draining your wallet by baiting you to a cs2 1 on 1 kek

2:23 AM · Dec 13, 2023 · 1,603 Views



George Hunter ✅
@GeorgeHNTR

I now know multiple 17-18-19 years old bulgarian smart contract security researchers with <1 year of experience making **\$30,000-70,000 a month** from audit contests, private engagements and bug bounties.

This space is just insane. 💰

2:31 AM · Dec 13, 2023 · 27.1K Views

Perfect way to get started into WEB3 Security exists [RoadMap] - The Myth

HollaDieWaldfee ✅
@HollaWaldfee100

As an independent auditor you need to be quick to adapt.

The space is moving fast and so are the opportunities for making money.

Roadmaps fail to account for this fluidity and you'll always be left behind.

Just like "DM FOR AUDITS" might have worked for a few weeks until it became a meme.

Or the common bugs that you read about in the Notion collections. Already outdated the moment you read about them.

5:50 PM · Dec 12, 2023 · 4,386 Views



Roadmap that “WORKED”

Understanding the
Cryptography

Blockchain Basics

Solidity and Ethereum

Attacks and their fixes!

Learning...

1) Understanding the Cryptography

Before starting out you should understand the technology itself.
It's mandatory to learn about Encryptions and Algorithms.

Few things you should learn:

- What is Encryption?
- Difference between Symmetric Encryption & Asymmetric Encryption
- What are Digital Signatures / Asymmetric Signing



2) Blockchain and Bitcoin

Once you're good with cryptography, you're eligible to learn Blockchain specifically how it works.

Few things you should learn:

- What is Blockchain and How it works!
- Bitcoin Whitepaper [Never Ever Neglect it!]

source: <https://bitcoin.org/bitcoin.pdf>



3) Learn Ethereum Blockchain & Solidity

After getting through the Bitcoin Whitepaper, you must know how blockchain works and all the necessary stuff.

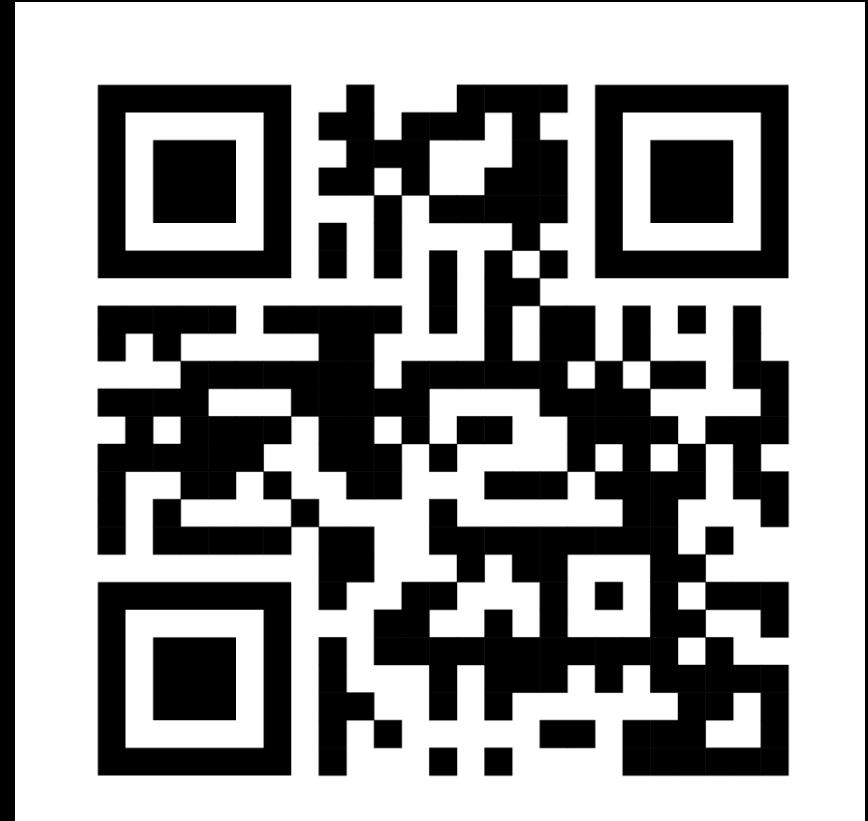
It is high time where you need to dig deeper into Ethereum blockchain as most of the blockchains are EVM compatible.

Few things you should learn:

- Ethereum Blockchain {Ethereum WhitePaper/ Ethereum Book}
- Solidity Basics

sources:

- 1) cryptozombies.io
- 2) solidity-by-example.org
- 3) Solidity 101 & Solidity 201 [Secureum]



4) Attack Vectors and their Defenses

If you're good with Solidity, it's time to jump into Exploiting part. Here you should understand and need to spot vulnerabilities in smart contracts.

Few things to learn:

- Understanding of common vulnerabilities
- Playing CTFs as much as possible.

sources:

- 1) capturetheether.com
- 2) ethernaut.openzeppelin.com
- 3) damnvulnerabledefi.xyz
- 4) [A black and white QR code is centered on the slide. It is a standard square matrix code used for quick access to digital content. The code is designed to be scanned by a mobile device or a QR code reader to direct the user to the specified GitHub page.](https://github.com/runtimeverification/verified-smart-contracts/wiki>List-of-Security-Vulnerabilities</div><div data-bbox=)

It's Just the Beginning!

Landing Into Your First Job in Web3 is “EASY”:

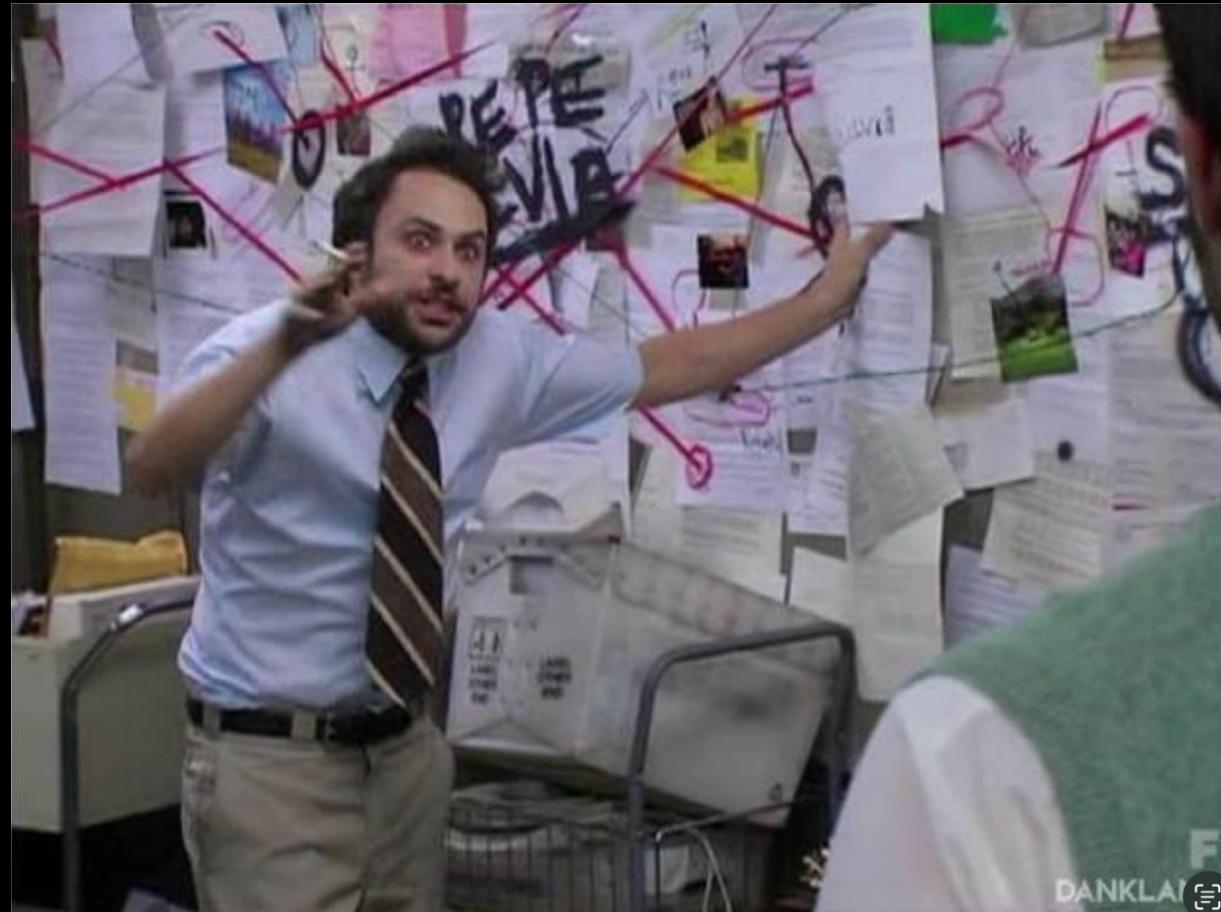
*le me:

- “Sharing is Caring, Sometimes also it’s Rewarding! ”

Share your learning openly via tweets or potentially a website/blog.

>> If you wanna work at top firms:
Try writing down the research articles.

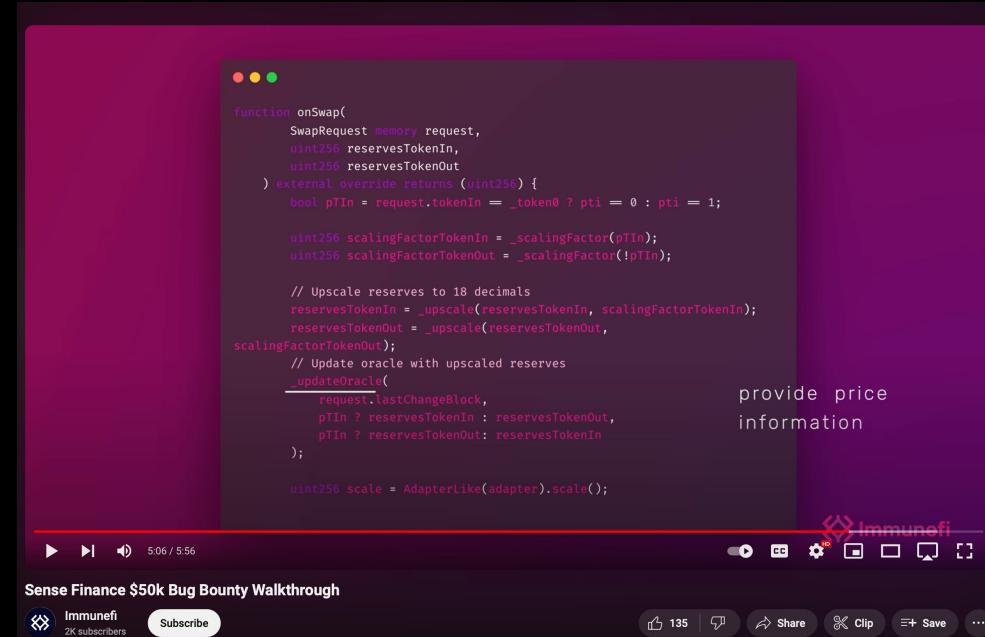
>> If you wanna do own private audits:
Try writing down content regarding something that provides value to the company.



Lemme show you the moneyyyyy!!

1. Ronin Network - REKT *Unaudited*
\$62,40,00,000 | 03/23/2022
2. Poly Network - REKT *Unaudited*
\$61,10,00,000 | 08/10/2021
3. BNB Bridge - REKT *Unaudited*
\$58,60,00,000 | 10/06/2022
4. SBF - MASK OFF *N/A*
\$47,70,00,000 | 11/12/22
5. Wormhole - REKT *Neodyme*
\$32,60,00,000 | 02/02/2022
6. Mixin Network - REKT *N/A*
\$20,00,00,000 | 09/23/2023
7. Euler Finance - REKT *Sherlock*
\$19,70,00,000 | 03/13/2023
8. BitMart - REKT *N/A*
\$19,60,00,000 | 12/04/2021
9. Nomad Bridge - REKT *N/A*
\$19,00,00,000 | 08/01/2022
10. Beanstalk - REKT *Unaudited*
\$18,10,00,000 | 04/17/2022
11. Winternmute - REKT 2 *N/A*
\$16,23,00,000 | 09/20/2022
12. Compound - REKT *Unaudited*
\$14,70,00,000 | 09/29/2021
13. Vulcan Forged - REKT *Unaudited*
\$14,00,00,000 | 12/13/2021
14. Cream Finance - REKT 2 *Unaudited*
\$13,00,00,000 | 10/27/2021
15. Multichain - REKT 2 *N/A*
\$12,63,00,000 | 07/06/2023

(source: Rekt.News)



On Mar 28, 2023, whitehat [rootrescue](#) submitted a critical bug in Enzyme Finance via Immunefi, which the Enzyme team quickly confirmed and fixed. This critical bug could have led to the draining of Enzyme's Vault which funds [paymasters](#) and enables Enzyme's contracts to utilize the [Gas Station Network](#).

The Enzyme team paid rootrescue \$400,000 for his bug find.

“Final Words”



csanuragjain
@csanuragjain

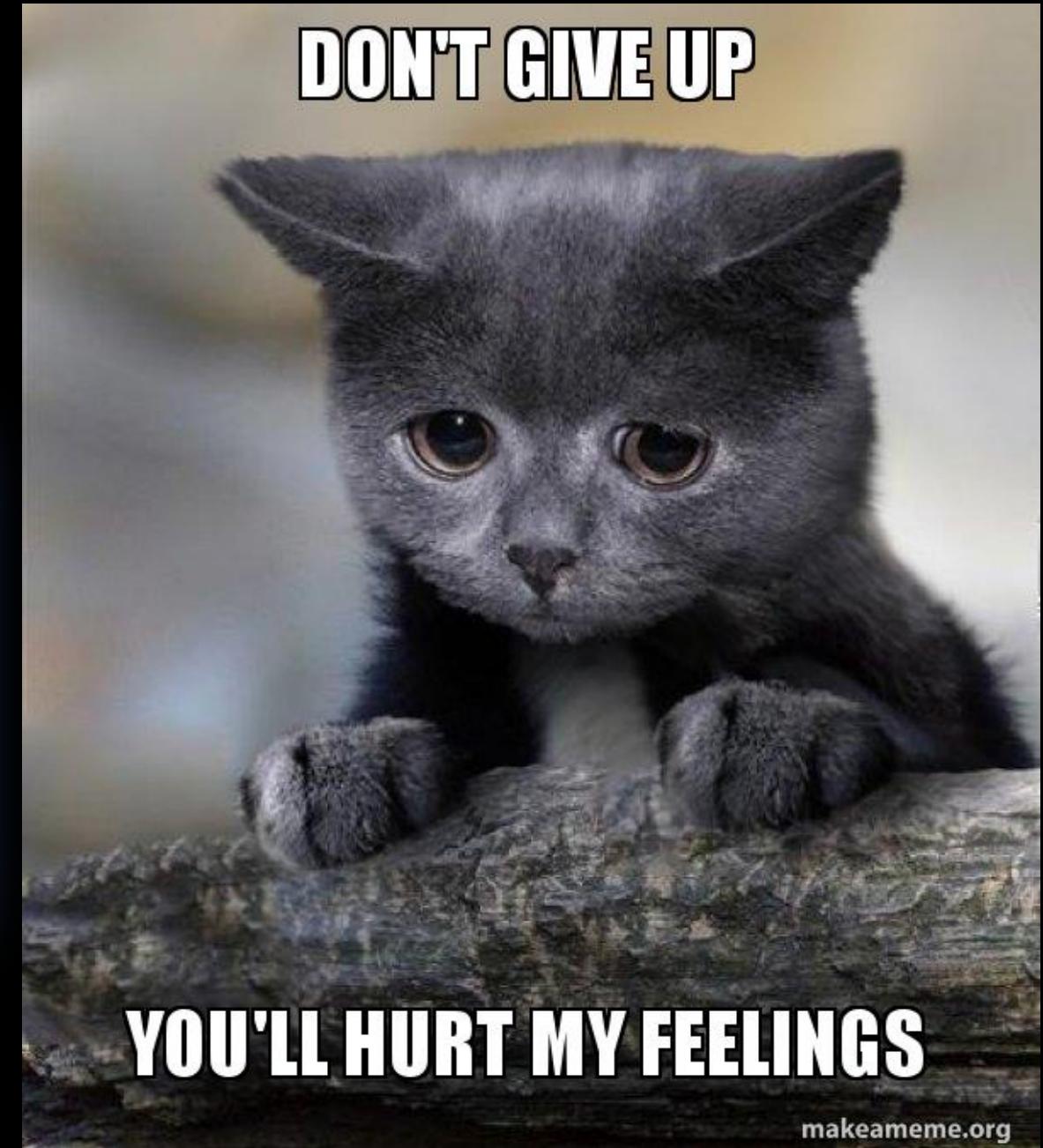
...

If you are starting with bug bounty platforms like @immunefi , no doubt, you can definitely make life changing money.

But always remember:

1. Not everyone is making 100k\$ or more. Don't get upset when you see such tweets, instead learn from there attack vectors
(1/3)

1:38 PM · Dec 11, 2023 · 8,405 Views



Because this man once said:

The process is more important than the results. And if you take care of the process, you will get the results.



~ MS Dhoni (Former Indian Captain)

Let's remove some stuff



Thanks for sticking till the END!

- You can always drop me a DM(Direct Message) at :



@Gowtham_Ponnana



@Gowtham_Ponnana



@Gowtham-ponnana



@gowtham-naidu [Only For reading some Awesome blogs]



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~ By the team of TECHFUND Inc

