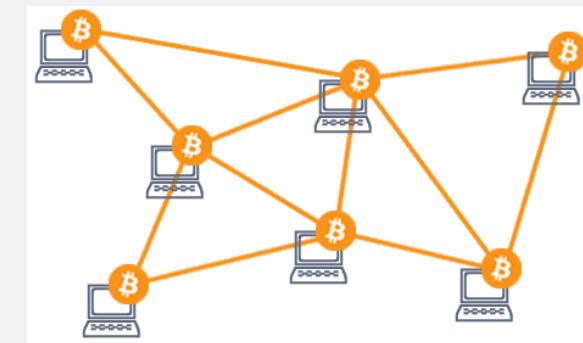


Creating A BANK ACCOUNT



Creating A BLOCKCHAIN ACCOUNT



CONTENT

THIS POST

Slide 1. Blockchain Accounts

40 %

1. DIY : Create A Blockchain Account Yourself
2. MetaMask Wallet Use and Setup
3. Difference Between a bank account and blockchain account
4. What is a Blockchain Account ?

NEXT LINKEDIN POST

60 %

Slide 2. What is Ethereum

1. Compare a conventional web service to Blockchain
1. Make Your Own Currency (How to issue your own currency).
2. How to join Blockchain Network ?
3. What is a “World Computer”?
4. Congrats Now You Know What Ethereum Blockchain Truly Is....

I intend to condense the Ethereum blockchain's core concepts into just two slides, with a special focus on its inner workings.

DO IT YOURSELF : Making A Ethereum Blockchain Account

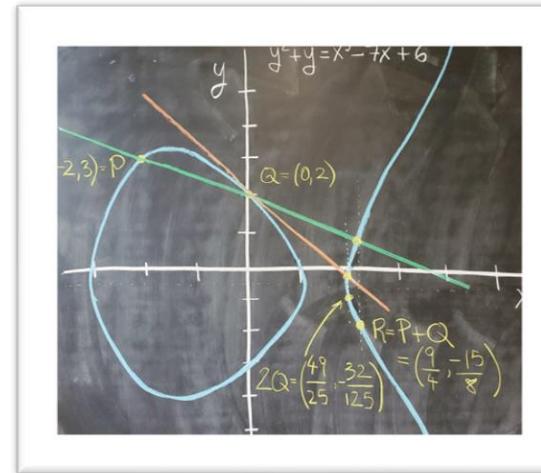
STEP 1: 1. Open a notepad and start writing random 256 bits (0100111.... 256 times), as they come to your mind.

*** This is your private key, never lose it, if you forget this key your funds are lost..... forever...

STEP 2: 1. Get account address from your PRIVATE KEY that you generated in step1

PRIVATE KEY (010....0111) --->> (Lots Of Complicated Math) ----->> Account Address (0x1bc2732---f781eg).

```
My Private Key :  
0100111100011001  
0000111100011001  
0000111100011001  
0000111100011001  
0000111100011001  
0001111100011001  
0100111101111001  
0100111100001001  
0000100100011001  
0100100100011001  
0100110000011001  
0100110000011001  
0100110100011001  
0100111100011001  
0001110100011001  
0000101000011001  
0100110100011001
```



Some Maths



```
2 | The Blockchain Account Address ::  
3 | *****  
4 | *****  
5 | *** 0x06775ABeFeA0A581CBb3Cab8972d034690a0566b ***  
6 | *****  
7 | *****  
8 | *****
```

My Ethereum Account Address (It's a number in hexadecimal format)



STEP 2: The Private Key (I typed random 0-1s)

THAT'S IT



You Have Successfully Created
Your Blockchain Account



CASE STUDY

How Anonymous Can You Be On Blockchain ?



We're familiar with Elon Musk's Dogecoin involvement. Some blockchain accounts amassed substantial Dogecoins right before Musk's tweets. Additionally, certain accounts consistently acquired more coins before Musk mentioned them. This has led to speculation that these accounts might be associated with Elon Musk.

While these theories may hold some truth, we may never know for sure. In fact, there's a substantial bounty for anyone who can uncover Elon Musk's blockchain address.

Some Believe This Is Elon Musk's Account Address

[DH5yaieqoZN36fDVciNyRueRGvGLR3mr7L](https://blockchain.info/address/DH5yaieqoZN36fDVciNyRueRGvGLR3mr7L)

Your blockchain address stays confidential unless you choose to **Declare** and **Validate ownership**.

Meet My Blockchain Address : “[0x2a2954f3989a83cc43dd58b0f038d5f276f21333](#)”

Hey everyone, here's [my blockchain address](#) with a balance of 20 MATIC coins (Approximately 200 INR). If you check out this link, you can trace all the transactions I've ever made throughout my lifetime and see where my funds have moved.



[Click here to Check
My
Account Statement](#)

[Click here to](#)
[Check My](#)
[Account](#)
[Statement](#)

PLEASEEEE.



My Account Statement

Age	From	To
116 days 6 hrs ago	0x2A2954...76f21333	
116 days 6 hrs ago	0x2A2954...76f21333	
116 days 6 hrs ago	0x2A2954...76f21333	
116 days 6 hrs ago	0x2A2954...76f21333	
116 days 6 hrs ago	0x2A2954...76f21333	
116 days 6 hrs ago	0x2A2954...76f21333	
116 days 6 hrs ago	0x2A2954...76f21333	
116 days 6 hrs ago	0x2A2954...76f21333	
128 days 3 hrs ago	0x2A2954...76f21333	
130 days 6 hrs ago	0x2A2954...76f21333	

It is like you have access to my **Bank Account Statement for lifetime.** If You conclude from our earlier discussion, we see Blockchain is **Highly Anonymous** as well as **Highly Transparent**

YOU

HERE IS THE PROOF OF MY OWNERSHIP OF THE ACCOUNT



VAISHNAV

Signed Message :
 0x0A581CBB3Cab34A581CBB3Cab8972d03
 ab8972d034A8972d034A581CBB3Cab8972
 d01CBB3Cab89723ab8972d034A581CBB46
 90a0566bb89723ab8972dab89

ECDSA

(x_1, y_1) = $k \times G$

Some Maths

Signer Address :
 0x06775ABeFeA0A581CBB3
 Cab8972d034690a0566b

Message :
 BESTHUMAN010011

Show Previous Message!

Hi Vaishnav, You own this account {0x06775ABeFeA0A581CBB3Cab8972d034690a0566b} right?

Hi Bhavesh, Yes, I do whyyy ?

Nothing, just wanted to validate once.
 Hi can you do one task, Just "SIGN" this message once with the private key of this account

Message : "BESTHUMAN010011"

Okkk, give me a minute...

Signed Message :
 0xA581CBB3Cab34A581CBB3Cab8972
 d03ab8972d034A8972d034A581CBB3C
 ab8972d01CBB3Cab89723ab8972d034
 A581CBB4690a0566bb89723ab8972da
 b89

Oh, Thanks Let Me check....

Yes bro, correct .. this one is yours...

Message

BESTHUMAN010011

My Private Key

```

1 My Private Key :
2
3 010011100011001
4 000011100011001
5 000011100011001
6 0000111000110011
7 000011100011001
8 01001110111001
9 010011100001001
10 0000100100011001
11 0100100100011001
12 010011000011001
13 010011000011001
14 010011100011001
15 010011100011001
16 000011000011001
17 010011000011001
18 0100110100011001
    
```

ECDSA

(x_1, y_1) = $k \times G$

Some Maths

My Signature :
 Address : "0x06775ABeFeA690a0566b"
 Message : "BESTHUMAN010011"

 Signature :
 "0xA581CBB3Cab34A581CBB3Cab8972
 d03ab8972d034A8972d034A581CBB3C
 ab8972d01CBB3Cab89723ab8972d034
 A581CBB4690a0566bb89723ab8972da
 b89"

How's opening an SBI account different from getting yourself an Ethereum account?

When you open a bank account, like with SBI for instance, it's the bank that provides you with the account. Nowadays, some banks even let you choose it yourself, but in any case,

“The Bank Issues You a Bank Account.”

Centralization
Detected



However, when it comes to creating an Ethereum blockchain account, **“It's us who create it for ourselves”**.

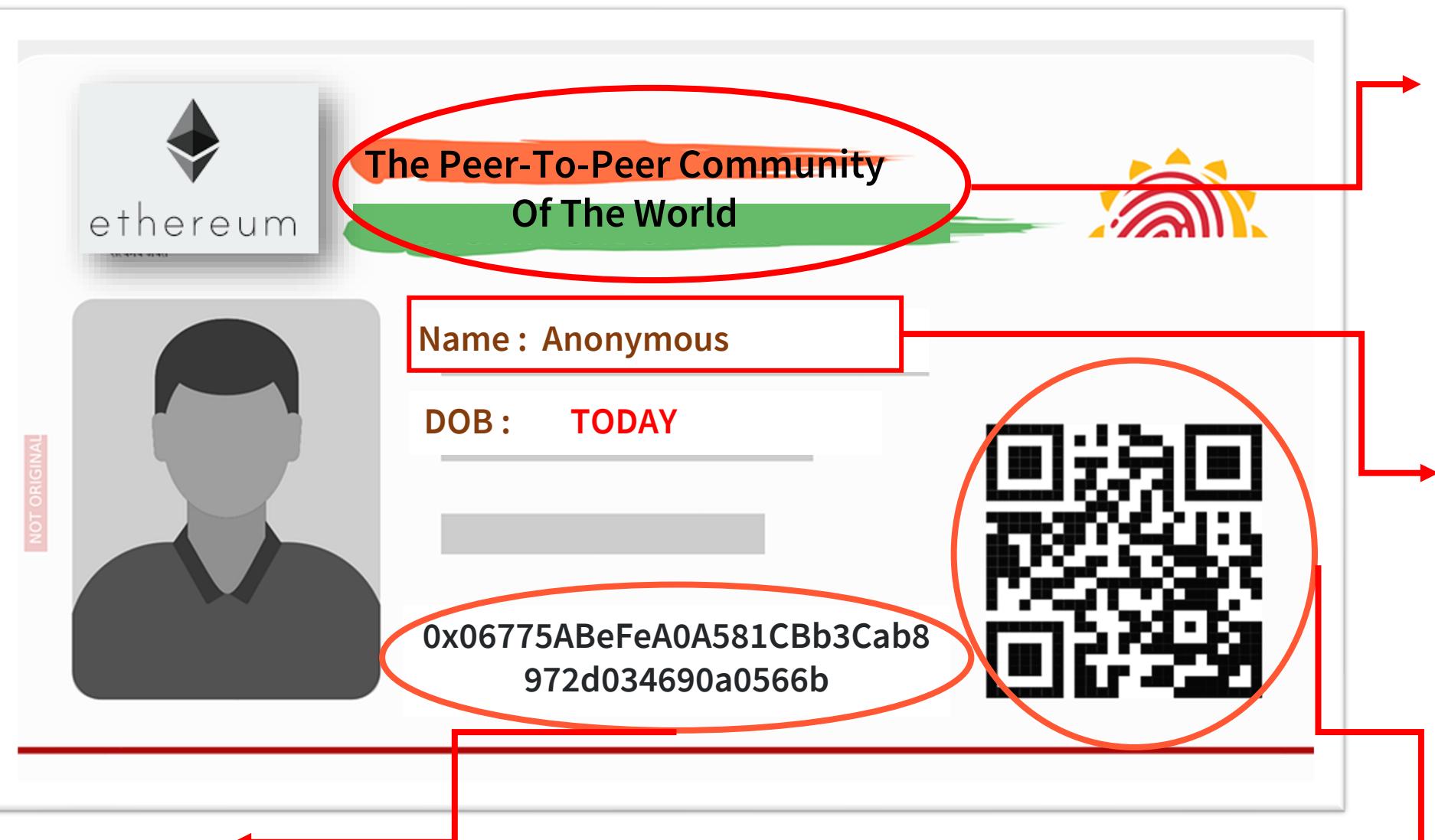
DECENTRALIZED



Certainly, even when we utilized MetaMask to generate an account address, the private key and address were generated exclusively on your local device. This process entailed running JavaScript code within your browser to create them, as opposed to a MetaMask Server generating an address and assigning it to you.

Your "Ethereum Account" isn't just like a regular bank account,

**it's your UNIQUE
IDENTITY within the
blockchain world.**



Just like Aadhar serves as your identification within a country, your identification in the blockchain will be represented by THE ACCOUNT ADDRESS.

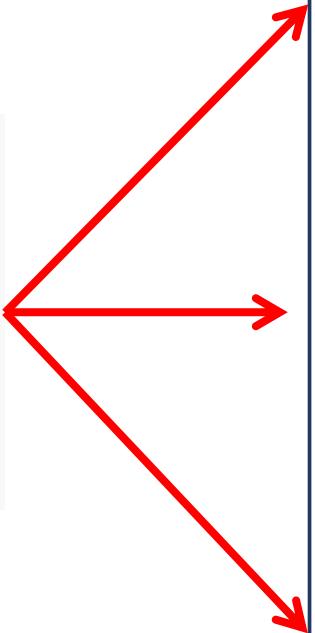
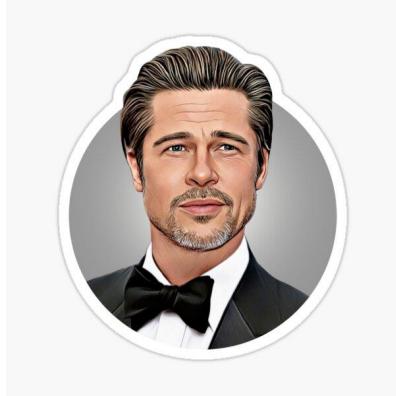
Reading the address directly can be challenging, which is why we use a QR code to represent your ID.

SPOILER ALERT

Why “Peer-To-Peer Community”???
Will cover in next post

I won't know your address as long as you don't tell me explicitly...

One Person (Entity) Multiple IDs



YOU CAN CREATE AS MANY ACCOUNTS AS YOU WANT FOR YOURSELF **THOUSANDS,
MILLIONS, BILLIONS**



Okk... So here we are after so many slides, with random 256 bits , a hexadecimal value derived from it, which we call an ID on blockchain....

BUT WHAT BLOCKCHAIN TRULY IS ?????

Understanding what Blockchain Account is a prerequisite to understanding Ethereum, as whenever you interact with Blockchain You cannot... as long as you don't have a Blockchain Address :

You Need Account Id to:

1. Send Funds
2. Receive Funds
3. Make Server Calls (

**SPOILER FOR THE
NEXT POST)**

THE END

YOU MAY OR MAY NOT WANT TO SEE NEXT SLIDES

Recommended Approach To Make A Blockchain Account : METAMASK



**MEET
METAMASK !**

Forget about the way I mentioned earlier – there's a much easier way to make a Blockchain Account. Give it a shot yourself, **trust me, it'll only take 5-6 minutes tops.**

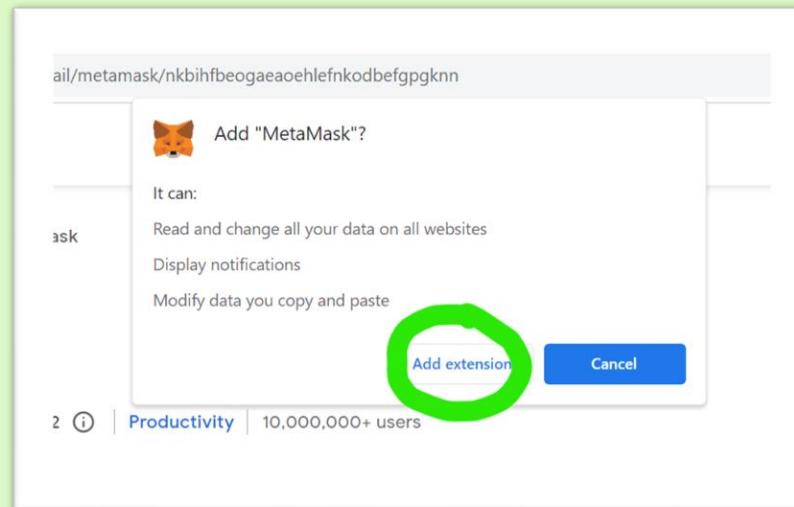
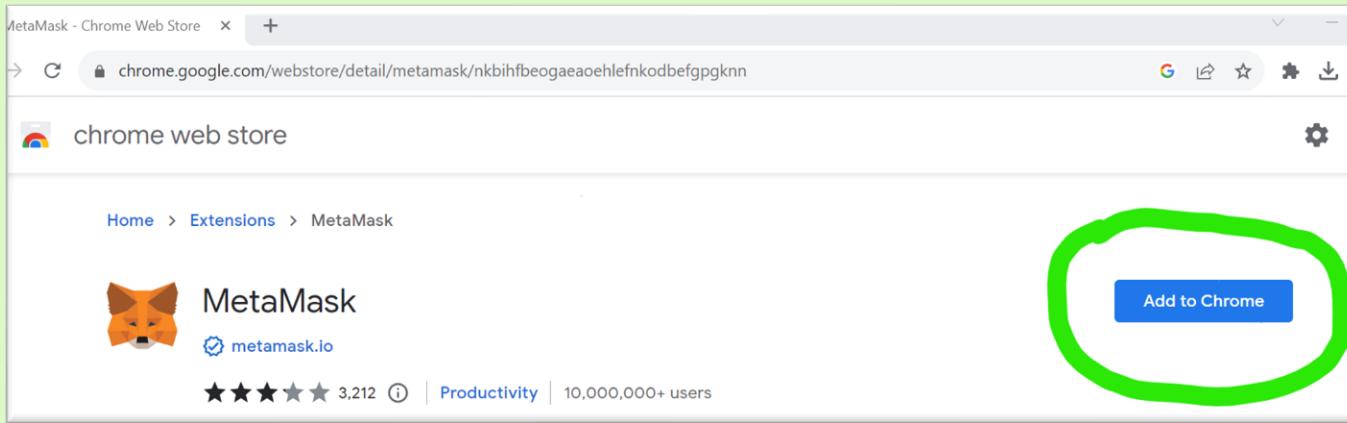


MetaMask serves as a browser plugin that handles the tasks of creating a private key, performing complex mathematical operations, and obtaining an account address.

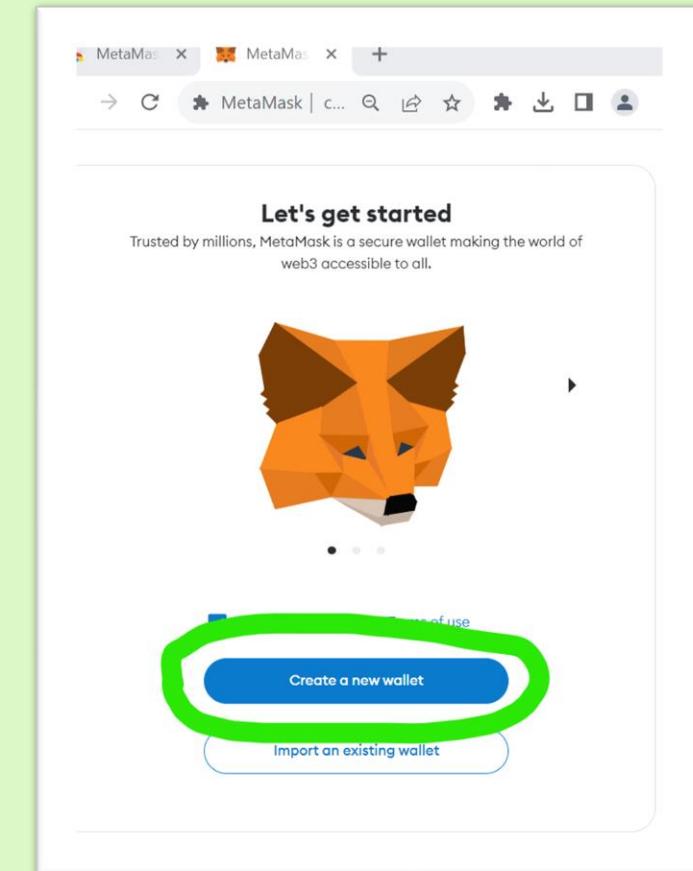
METAMASK

STEP 1: Visit chrome webstore to Add MetaMask Extension to the browser

[Link To Install MetaMask Browser Extension](https://chrome.google.com/webstore/detail/metamask/nkbihfbeogaeaoehlefknkodbefgpgknn)

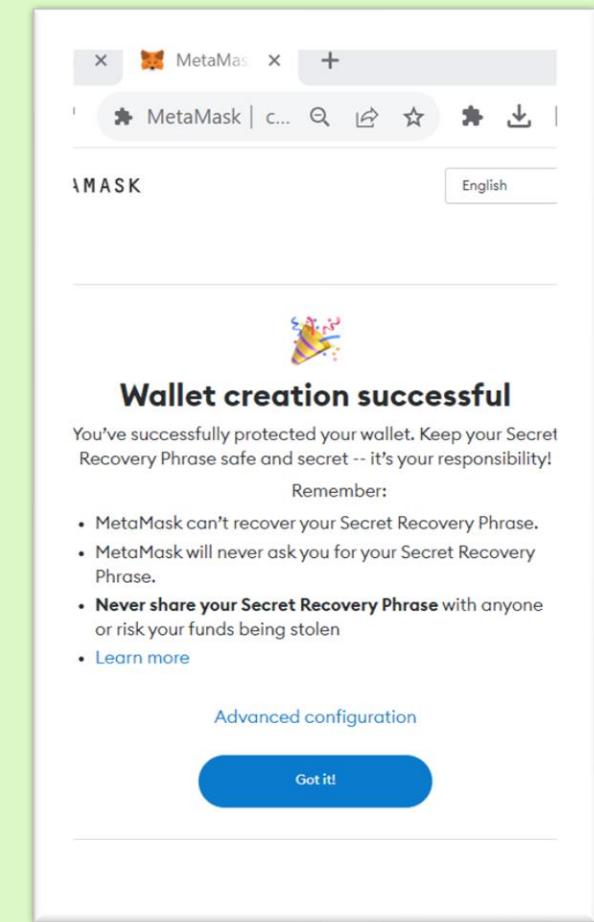
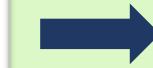
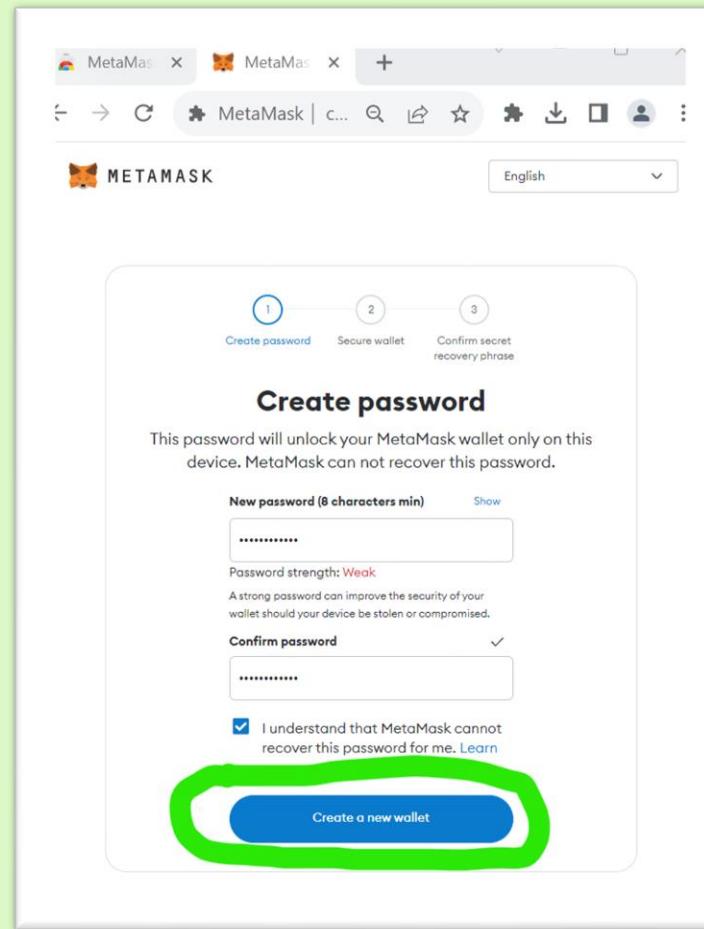
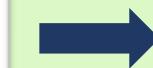
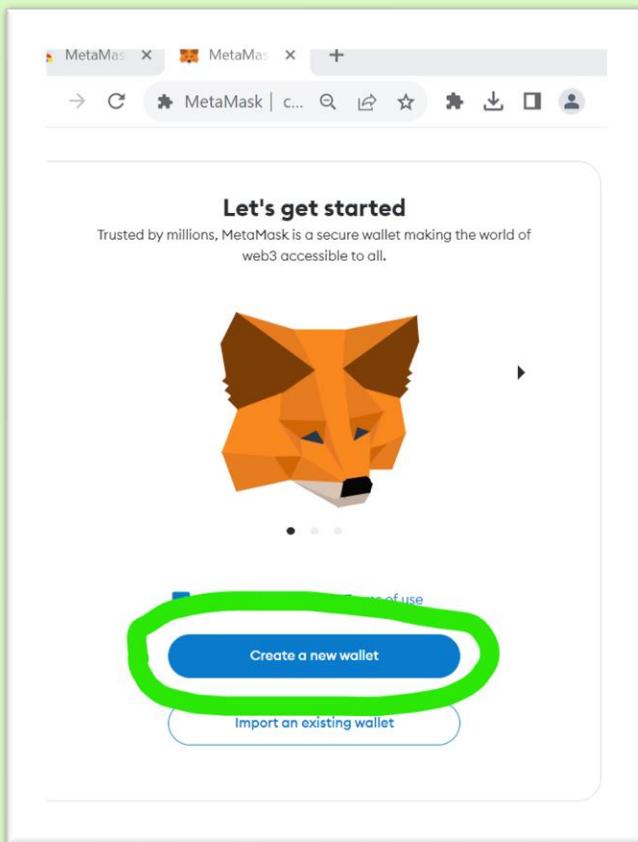


STEP 2: Select create new wallet and proceed.



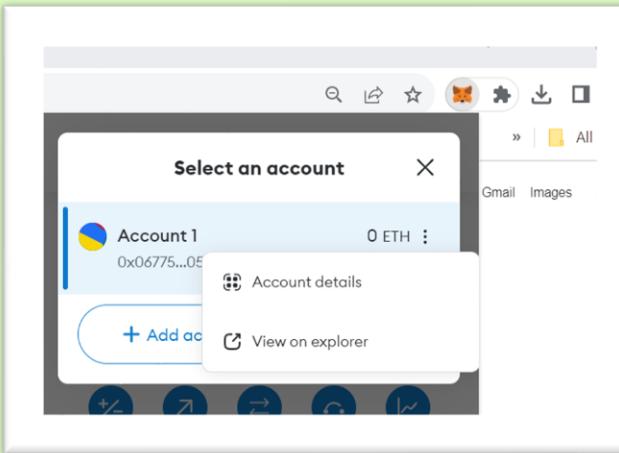
METAMASK

STEP 3: Complete your wallet creation, A wallet manages all your Ethereum Blockchain Accounts at one place



METAMASK

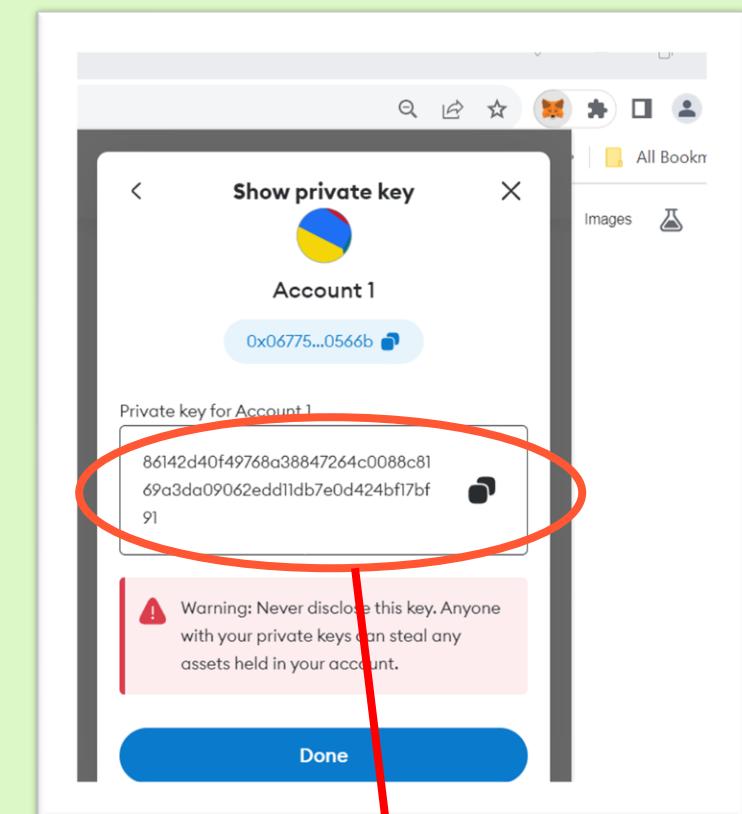
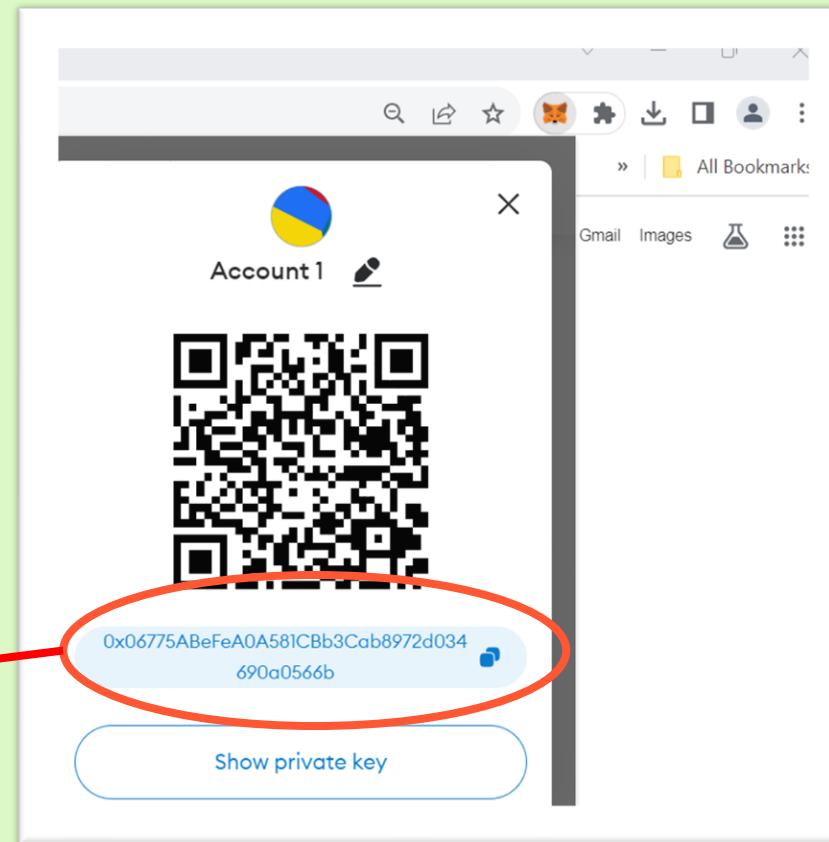
STEP 4: Once the wallet is created, you will see an account created by MetaMask (**“Account 1”**), You can ask MetaMask to create as many accounts as you can.



2. You'll have a QR code for your account address, just like UPI QR codes for PhonePe or Google Pay. Use it to receive payments in different currencies like Matic, Ether, or Solana through specific apps.

3. You will also find your account address on Blockchain.

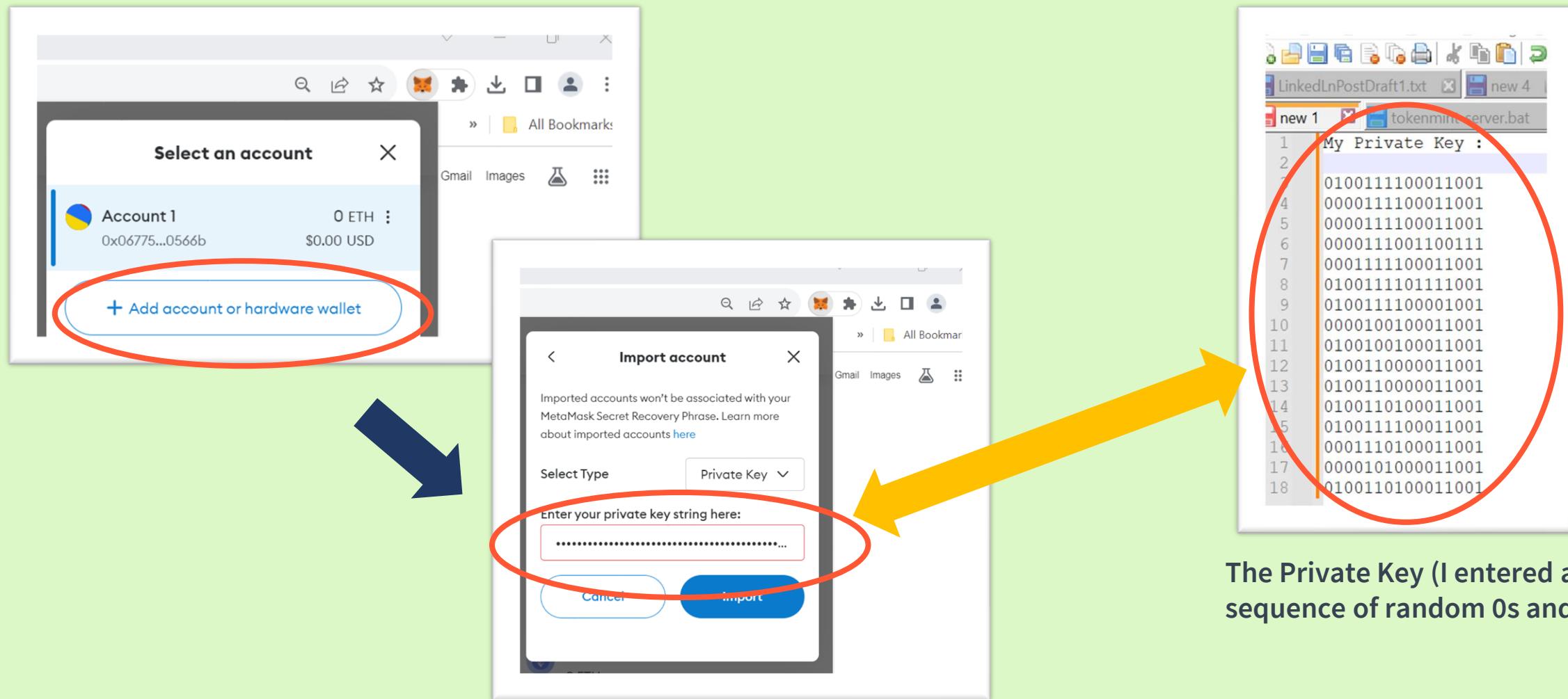
1. If you explore a bit more, you can check the account details for **“Account 1”**



4. You can also see the private key corresponding to your account

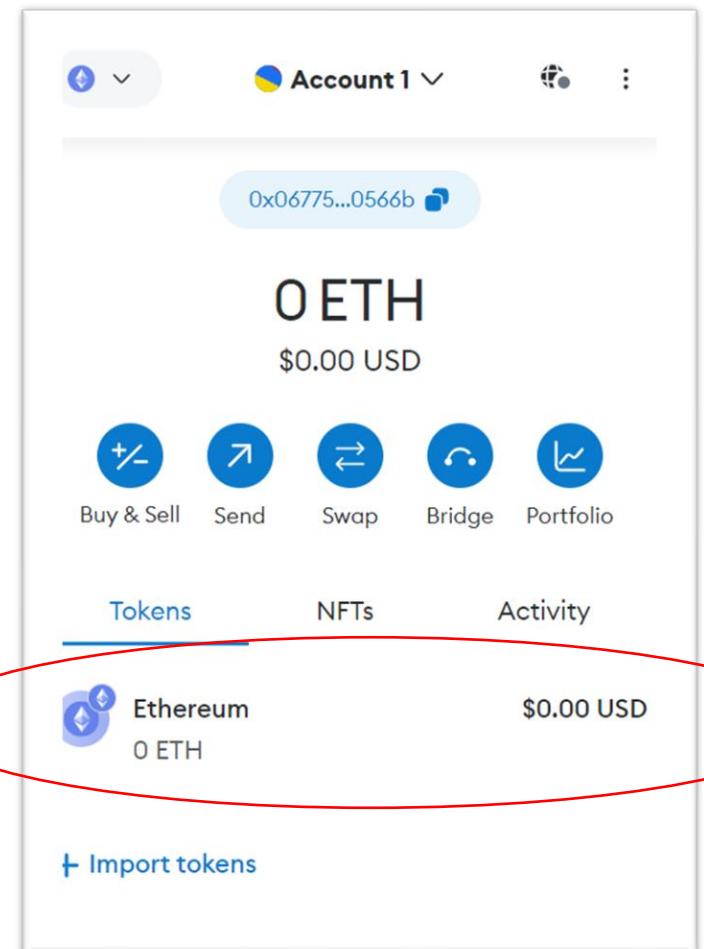
DIY : Setting Up MetaMask Wallet

STEP 4: If you recall, in the initial slide, we generated a Private Key and its corresponding Account address by manually writing 256 bits. You can also include this account in your MetaMask wallet by converting those 256 bits into their hexadecimal form and adding them in MetaMask.



DIY : How To Add Crypto Currency- NFTs to Account

Alright, so now that I have my Ethereum account, the next question is: where do I obtain the funds? The answer includes platforms like Binance and CoinDCX, but let's save that discussion for another time. If you're eager to delve into it now, here's the link to learn more.



Account But With Zero Balance