



SOLODEV CLOUD SERVICES

# STATE OF THE BLOCKCHAIN



# Satoshi Nakamoto



18 August 2008

- Bitcoin.org

31 October 2008

- [SatoshiNakamoto](#) posted:  
*Bitcoin: A Peer-to-Peer  
Electronic Cash System*



# Financial Decentralization



## 3 January 2009

- Bitcoin network came into existence with Satoshi Nakamoto mining the *genesis block* of *bitcoin* (block number 0)

The Times Jan/03/2009  
Chancellor on brink of second  
bailout for banks.

## Bitcoin Genesis Block

### Raw Hex Version

```
00000000 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
00000010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
00000020 00 00 00 00 3B A3 ED FD 7A 7B 12 B2 7A C7 2C 3E ....;fíýz{.²zÇ,>
00000030 67 76 8F 61 7F C8 1B C3 88 8A 51 32 3A 9F B8 AA gv.a.È.Ã^ŠQ2:ÿ,a
00000040 4B 1E 5E 4A 29 AB 5F 49 FF FF 00 1D 1D AC 2B 7C K.^J)«_Iÿÿ...¬+|
00000050 01 01 00 00 00 01 00 00 00 00 00 00 00 00 00 00 .....
00000060 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
00000070 00 00 00 00 00 00 FF FF FF FF 4D 04 FF FF 00 1D .....ÿÿÿÿM.ÿÿ..
00000080 01 04 45 54 68 65 20 54 69 6D 65 73 20 30 33 2F ..EThe Times 03/
00000090 4A 61 6E 2F 32 30 30 39 20 43 68 61 6E 63 65 6C Jan/2009 Chancel
000000A0 6C 6F 72 20 6F 6E 20 62 72 69 6E 6B 20 6F 66 20 lor on brink of
000000B0 73 65 63 6F 6E 64 20 62 61 69 6C 6F 75 74 20 66 second bailout f
000000C0 6F 72 20 62 61 6E 6B 73 FF FF FF FF 01 00 F2 05 or banksÿÿÿÿ..ð.
000000D0 2A 01 00 00 00 43 41 04 67 8A FD B0 FE 55 48 27 *....CA.gŠÿ°pUH'
000000E0 19 67 F1 A6 71 30 B7 10 5C D6 A8 28 E0 39 09 A6 .gñ|q0·.\Ö"(à9.|
000000F0 79 62 E0 EA 1F 61 DE B6 49 F6 BC 3F 4C EF 38 C4 ybâê.aP¶IÖk?Ll8Ä
00000100 F3 55 04 E5 1E C1 12 DE 5C 38 4D F7 BA 0B 8D 57 óU.â.Á.Ð\8M+º..W
00000110 8A 4C 70 2B 6B F1 1D 5F AC 00 00 00 00 00 00 ŠLp+kñ._¬....
```

source: [https://en.wikipedia.org/wiki/History\\_of\\_bitcoin](https://en.wikipedia.org/wiki/History_of_bitcoin)



# Who is Satoshi Nakamoto?



## 1994

- Smart contracts were first proposed in 1994 by Nick Szabo who invented a virtual currency called "Bit Gold" in 1998

## 12 January 2009

- [Hal Finney](#) downloaded the bitcoin software the day it was released, and received 10 bitcoins from Nakamoto in the world's first bitcoin transaction

## 22 May 2010

- 10,000 mined BTC for two pizzas delivered from a local pizza restaurant in Florida

## July 2010

- Nakamoto Disappears

## Possible Identities of Satoshi Nakamoto



Dorian Nakamoto



Craig Wright



Satoshi Nakamoto



Hal Finney



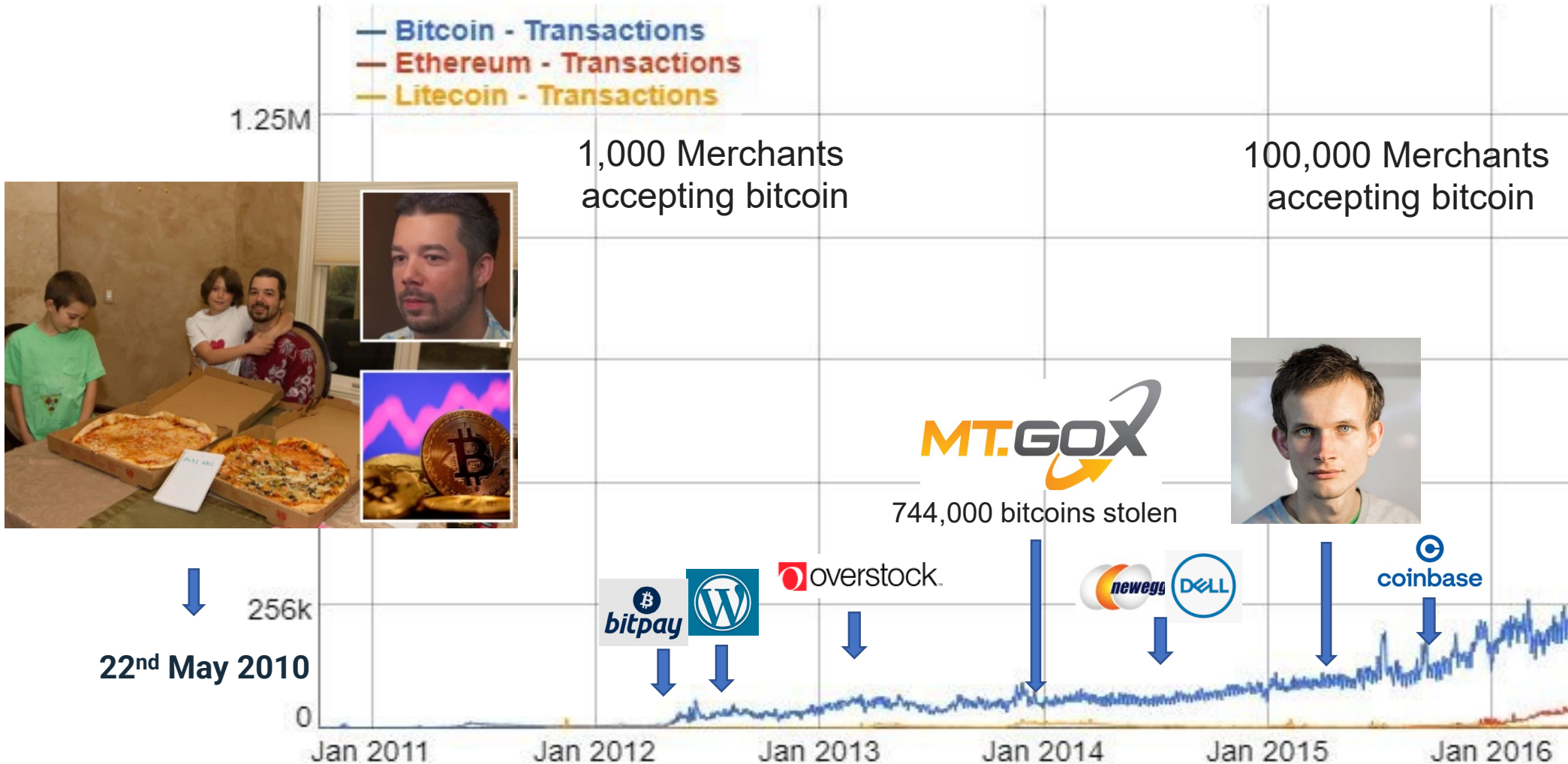
Nick Szabo

 cointelegraph.com

source: [https://en.wikipedia.org/wiki/History\\_of\\_bitcoin](https://en.wikipedia.org/wiki/History_of_bitcoin)



# 2010-2015 (Web2)



- **Architectural** - *how many physical computers is a system made up of? How many of those computers can it tolerate breaking down at any single time?*
- **Political** - *how many individuals or organizations ultimately control the computers that the system is made up of?*
- **Logical** - *does the interface and data structures that the system presents and maintains look more like a single monolithic object, or an amorphous swarm? One simple heuristic is: if you cut the system in half, including both providers and users, will both halves continue to fully operate as independent units?*

- **DAO** - an organization represented by rules encoded as a transparent computer program, controlled by the organization members, and not influenced by a central government
- **Smart Contracts** - a term used to describe computer code that automatically executes all or parts of an agreement and is stored on a blockchain-based platform
- **dApps** - digital applications that run on a blockchain network of computers instead of relying on a single computer

# ETHEREUM LAYER-2 ECOSYSTEM

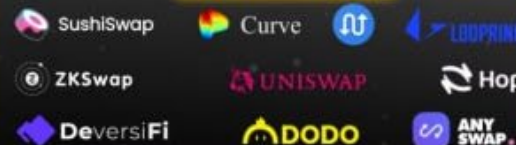
## Infrastructure



## Lending & Borrowing



## Swap



## Derivatives & Synthetics



## Assets Management



## Betting & Prediction



## Reporting



## Aggregator



## Yield Farming



## Data, Oracle & Tools



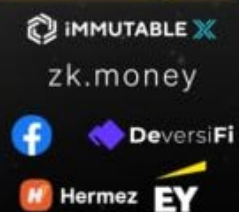
## Wallet



## Tracking



## Privacy



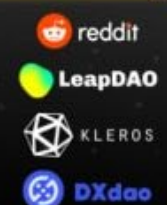
## Payment & Transfer



## Bridges



## Community



## Exchange



## NFT & Gaming



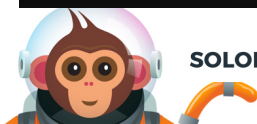
## Sidechain



Updated: Aug 19th, 2021

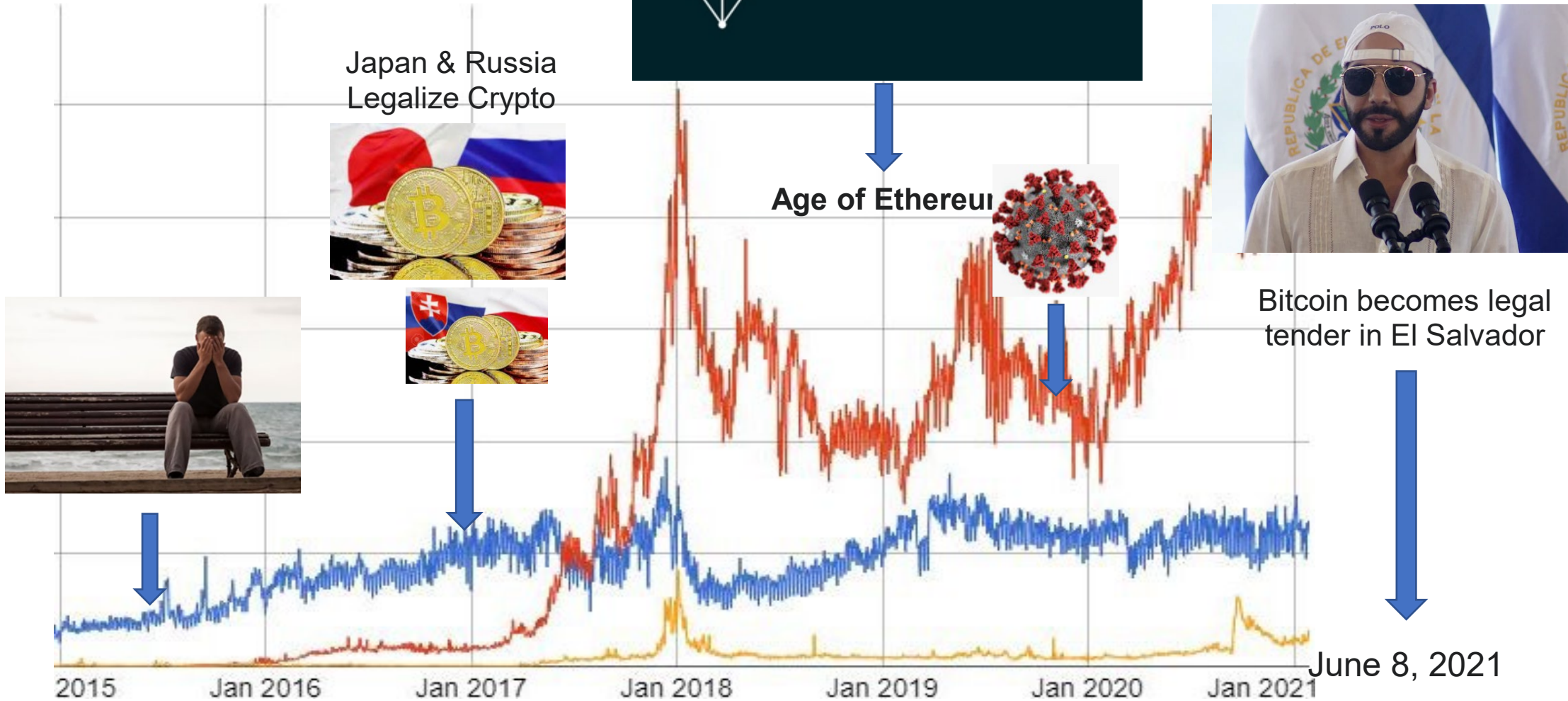


@Coin98Analytics





# 2015-2021+ (Web3)



## Web2

Twitter can censor any account or tweet

Payment service may decide to not allow payments for certain types of work

Servers for gig-economy apps could go down and affect worker income

## Web3

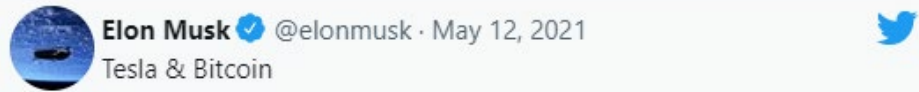
Web3 tweets would be uncensorable because control is decentralized

Web3 payment apps require no personal data and can't prevent payments

Web3 servers can't go down – they use Ethereum, a decentralized network of 1000s of computers as their backend



# Elon Musk – May 12, 2021



Bitcoin. We are concerned about rapidly increasing use of fossil fuels for Bitcoin mining and transactions, especially coal, which has the worst emissions of any fuel.

Cryptocurrency is a good idea on many levels and we believe it has a promising future, but this cannot come at great cost to the environment.

Tesla will not be selling any Bitcoin and we intend to use it for transactions as soon as mining transitions to more sustainable energy. We are also looking at other cryptocurrencies that use <1% of Bitcoin's energy/transaction.



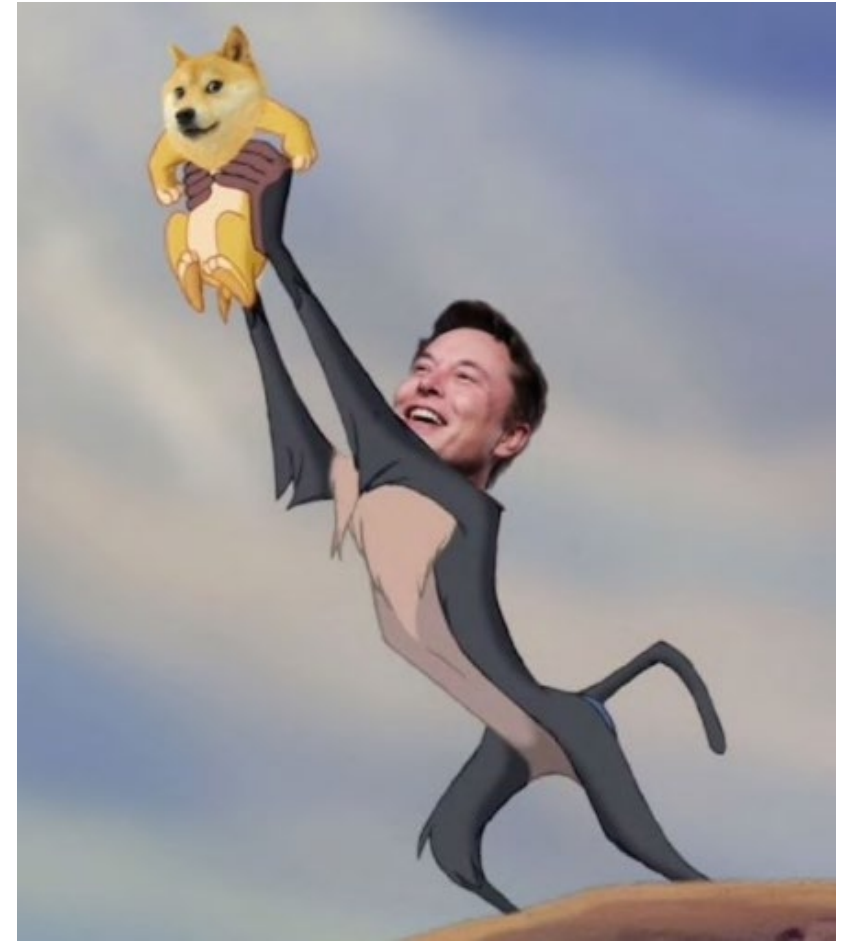
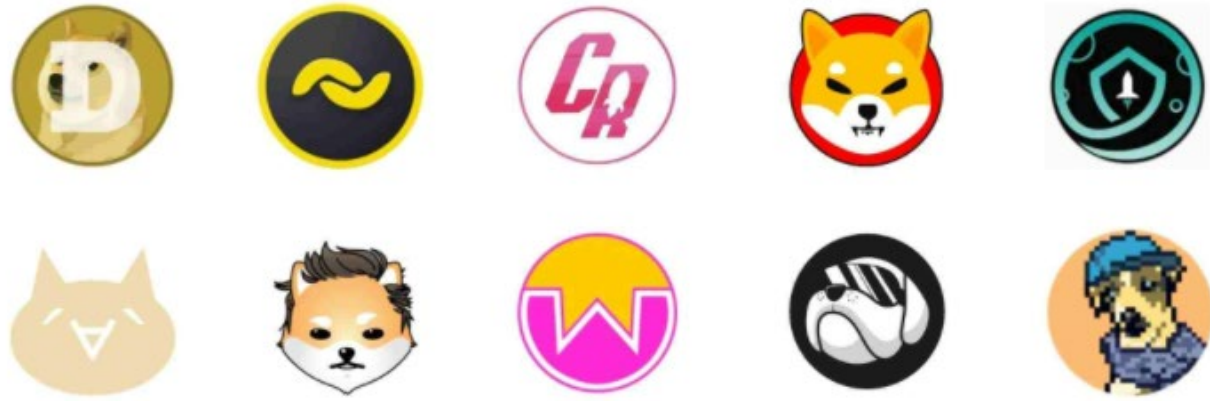
# Elon Musk – June 13, 2021



A chart showing "the Musk effect". Source: [Vox](#)



# Meme Coins of 2021





# A Decentralized Meme Token that Evolved into a Vibrant Ecosystem

SHIB, LEASH, BONE — ShibaSwap — Innovative Reward System —  
The Shiba Incubator — And more. 585k+ Community Members and  
Growing Fast!

How to Buy

Read WoofPaper v2





# SWAP



Swap your tokens for other tokens

Swap From: **ETH** Balance: 0.0189805

MAX 1

↓

Swap To (est.): **SHIB** Balance: 0

MAX 116223000

Minimum received <sup>?</sup>	115600000 SHIB
Price Impact <sup>?</sup>	0.02%
Liquidity Provider Fee <sup>?</sup>	0.003 ETH

[View pair analytics](#)

Price 0.00000000860408 ETH per SHIB <sup>?</sup>

Insufficient ETH balance

Coming Soon

Coming Soon





# A DIGITAL NATION BATTLE · COLLECT · EARN

[Getting Started](#)[Whitepaper](#)

SOLODEV CLOUD SERVICES



38



AXS

Axie Infinity

\$69.90

-2.31%

\$4.26B



Last 24h

7 days

30 days



TOTAL SALE

1,385,820



TOTAL VOLUME

52,685.2 \$164.01M



AXIE SOLD

1,384,514

### Recently listed

Axies Land Items Bundles

#10703597 0.04 \$124.55 a minute ago

Breed count: 0 52 36 31 45

#10218222 0.046 \$144.77 a minute ago

Breed count: 2 33 49 43 39

#10443101 0.049 \$154.14 a minute ago

Breed count: 2 34 49 43 38

#259878 0.032 \$99.65 a minute ago

Breed count: 5 57 31 31 45

#10728559 0.07 \$217.96 a minute ago

Breed count: 2 61 32 31 40

### Recently sold

Axies Land Items Bundles

#2453407 0.016 \$49.82 a minute ago

BUYER: Lunacian #3187379 (0x55c...ed0cf3) SELLER: ax25 (0x6b2...6cf9aa)

#9962357 0.047 \$144.87 a minute ago

BUYER: VH2 (0x5e6...5a8888) SELLER: Adrian #18410459 (0xd8d...a27f01)

#10136796 0.045 \$140.13 a minute ago

BUYER: DONVITO #1610283 (0xf04...bb0264) SELLER: Lunacian #22956849 (0xf2a...145c4c)

#1303850 0.016 \$49.20 a minute ago

BUYER: chester9 (0x7ad...721bc0) SELLER: a14 (0x848...cc3f1b)

#10590025 0.054 \$168.15 a minute ago

BUYER: BRMN (0x2a4...1f579e) SELLER: Toretto (0xe8c...471514)

# FORTUNE FAVOURS THE BRAVE

[Learn more](#)



SOLODEV CLOUD SERVICES



CRO  
Crypto.com Coin

\$0.45

-3.39%

\$11.3B

# Explore

- All
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- Gaming
- Sport
- Music
- Crypto

- Curated
- Filter
- Sort By



172 Editions Minted

**Daydream**

FLOOR PRICE AUCTION | BUY NOW

\$42 | \$70

VA Lokos 454



1 Edition Minted

**PsychoKitty #4332**

\$10M

Ugonzo Art 124



1 Edition Minted

**PsychoKitty #8923**

\$715

Ugonzo Art 23



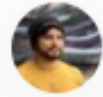
	<b>CRO</b> Crypto.com Coin	\$0.45	-3.39%	\$11.3B
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[← Back](#)

♡ 23 👁 362 ➦ Share



Creator  
Ugonzo Art



Collection  
PsychoKitties: The New Era

Edition 1 of 1

## PsychoKitty #8923

\$715

Unique, algorithmically generated Psychokitty living on the blockchain.

Art

Properties



View Crypto.org Chain details



Edition #1

(Minted on 16 Dec, 2021)

[Select Edition >](#)

Ownership

History

Offers



Owner

# Adoption = Fees



## Ethereum Soars to Record High

Price of Ethereum from May 5, 2020 to May 4, 2021



Ethereum Mainnet

Swap Cancel

Swap from Max

ETGP 5509000 ≈ \$317.71

5509000 ETGP available to swap

Swap to

ETH

Advanced Options

Slippage Tolerance 2% 3% custom

Review Swap

5509000 E ETGP

↓

ETH

0.10390166

1 ETGP = 0.000000019 ETH ↻

Estimated gas fee ⓘ 0.04665 ETH \$139.96

Max fee: \$252.70 Edit

Best of 2 quotes. Includes a 0.875% MetaMask fee. ⓘ

Swap



**Meanwhile,  
in a cryptoverse far, far away.....**



# Proof of Work vs. Proof of Stake



Proof of Work

VS.













Proof of Stake








# 2021 Top Proof of Stake DEFI Platforms



#	NAME
1	 <b>SOL</b> Solana <a href="#">Buy</a>
2	 <b>ADA</b> Cardano <a href="#">Buy</a>
3	 <b>DOT</b> Polkadot <a href="#">Buy</a>
4	 <b>AVAX</b> Avalanche <a href="#">Buy</a>
5	 <b>MATIC</b> Polygon <a href="#">Buy</a>

6	 <b>ALGO</b> Algorand <a href="#">Buy</a>
7	 <b>ATOM</b> Cosmos <a href="#">Buy</a>
8	 <b>TRX</b> TRON <a href="#">Buy</a>
9	 <b>HBAR</b> Hedera Hashg... <a href="#">Buy</a>
10	 <b>XTZ</b> Tezos <a href="#">Buy</a>

11	 <b>ONE</b> Harmony <a href="#">Buy</a>
12	 <b>EOS</b> EOS <a href="#">Buy</a>
13	 <b>RUNE</b> THORChain <a href="#">Buy</a>
14	 <b>WAVES</b> Waves <a href="#">Buy</a>
15	 <b>ROSE</b> Oasis Network <a href="#">Buy</a>





# IOTEX Ecosystem 2021



## IOTEX ECOSYSTEM 2021.9

ecosystem.iotex.io | iott.network

Crosschain	DeFi	MachineFi	Exchange	Enterprise	Wallet
<ul style="list-style-type: none"><li>tube</li><li>AMY SWAP</li></ul>	<ul style="list-style-type: none"><li>LAUNCH ZONE Pad</li><li>zoomswap</li><li>cyclone</li><li>XDOLLAR</li><li>Defi Llama</li><li>MAGIC LAND</li><li>BetIoTeX</li><li>unifi</li></ul>	<ul style="list-style-type: none"><li>Ucam</li><li>pebble</li><li>nēsten</li><li>TruStream</li><li>IoTT Network</li><li>ThingsBoard</li></ul>	<ul style="list-style-type: none"><li>BINANCE</li><li>coinbase</li><li>Huobi</li><li>UPbit</li><li>crypto.com</li><li>gate.io</li><li>BITTREX</li><li>Bitcoin.com</li><li>KuCoin</li><li>MEXC</li><li>CoinDCX</li><li>BitMart</li><li>CoinEx</li><li>changelly</li></ul>	<ul style="list-style-type: none"><li>CONSENSUS</li><li>WISkey</li><li>NORDIC</li><li>IEEE</li><li>MOBI</li><li>CONSENSUS ALLIANCE</li><li>Pantheon</li></ul>	<ul style="list-style-type: none"><li>METAMASK</li><li>Trust Wallet</li><li>Ledger</li><li>Huobi Wallet</li><li>Math Wallet</li><li>cobo</li><li>ioPay</li><li>imToken</li></ul>
<ul style="list-style-type: none"><li>dApp</li><li>bloesport</li><li>Health Blocks</li><li>HYPERSPHERE</li><li>HealthNet</li><li>Helix Technologies</li></ul>	<ul style="list-style-type: none"><li>Game</li><li>Pebble GO</li><li>PLACEWAR</li><li>Travel Cat</li><li>BLADE WARRIOR</li></ul>	<ul style="list-style-type: none"><li>DEX</li><li>eimo</li><li>NFT</li><li>Sota Finance</li></ul>	<ul style="list-style-type: none"><li>Infrastructure</li><li>bluzelle</li><li>IPFS</li><li>Chainlink</li><li>ChainAnalytics</li></ul>	<ul style="list-style-type: none"><li>Partners</li><li>GDAC</li><li>Ledger</li><li>BINANCE CHARITY</li><li>METAMASK</li><li>DappRadar</li><li>tenvis</li><li>Blockfolio</li><li>NORDIC</li><li>MESSARI</li><li>Travala.com</li><li>CoinGecko</li><li>SWIFT</li><li>TakenInsight</li><li>CERTIK</li><li>德隆科技</li></ul>	<ul style="list-style-type: none"><li>Key Stakeholders</li><li>DRAPER DRAGON</li><li>#HASHED</li><li>IOSG Venture</li><li>HOFAN</li><li>BLOCKCHANGE</li><li>HASKEY</li><li>METANVX</li><li>InfStones</li><li>RockX</li><li>CPC</li><li>Kenetic</li><li>INGC</li><li>Giving Block</li><li>Aulsum</li><li>LINKVC</li><li>Mu</li></ul>
<ul style="list-style-type: none"><li>Tools</li><li>ETH Hole</li><li>disperse</li><li>RugDoc</li><li>IoTeX Explorer</li><li>SmartStake</li><li>Hermes</li><li>vfat.tools</li><li>MultiSender</li><li>iotexscan</li><li>IoTeX IDE</li></ul>	<ul style="list-style-type: none"><li>Governance</li><li>Burn-Drop</li><li>Staking Portal</li><li>Snapshot</li><li>VITA</li></ul>	<ul style="list-style-type: none"><li>Public Chain</li><li>BINANCE</li><li>ethereum</li><li>polygon</li><li>NKN</li><li>Sifchain</li><li>THETA</li></ul>			



# Who is Satoshi Nakamoto?



Dorian Nakamoto



Craig Wright



Satoshi Nakamoto



Half Finney



Nick Szabo

