① "Silicon Valley" Series

"You are not paying
You are product."

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DBMS, Data structure, My language

Pdministor, App building

24 Jun 2022

Resume

Why Blockchain

1) Trust
2) Cost of bank fees
3) immutable data
4) Hospital
5) 1992 - Nick Szabo
6) 1994 - 2000 bubble.com
making website for more company

Web 1 - Read data
Web 2 - Read, Write ex - Review
Orkut, Facebook

2004 - Facebook
2005 - Youtube

Meta - Facebook → AR/VR, AI, Blockchain

Web 3 - Marketing / New Internet

Node - Node → P2P

" Silicon Valley Web series

② Networking → topology, TCP IP layers, Protocols
(IP, TCP, UDP, SMTP) "

piracy illegal

NSA → National Security {Jack Dorsey} ⇒

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Assignment
① Silicon Valley web series
② Networking
③ HTML/CSS
④ Basic of Blockchain
⑤ Basic of ~~Block~~ JavaScript
⑥ Adv JS
⑦ Node JS
⑧ Blockchain Series

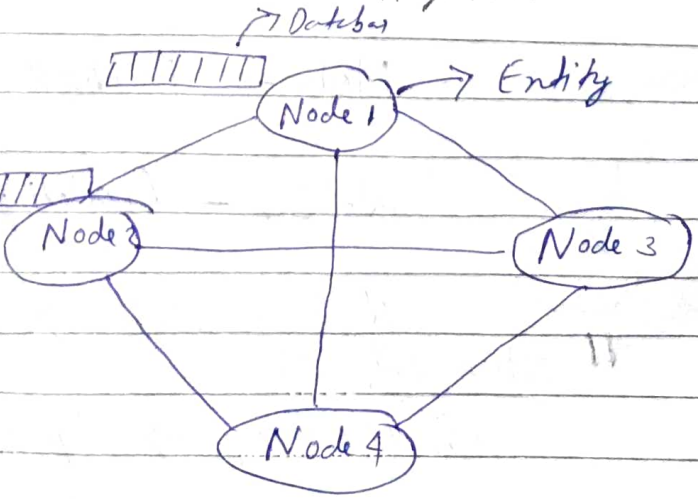
Web 2 + Web 3 = Web 5 Idea

Web 2 ⇑ Google
Web 3 ⇑ Blockchain

Web 5 ⇓
User ← permission
Paid ↑ Reward

What is Blockchain?
Continous growing list of rewards (block) → Some proof {NSA}

Property
① Blocks are cryptographically linked (SHA 256) ⇓ Algorithm
② Decentralized
③ Distributed Database
④ Immutable Ledger
"Sucessfully transaction not changes"



Genesis block means first block
Nonce — Number only used once

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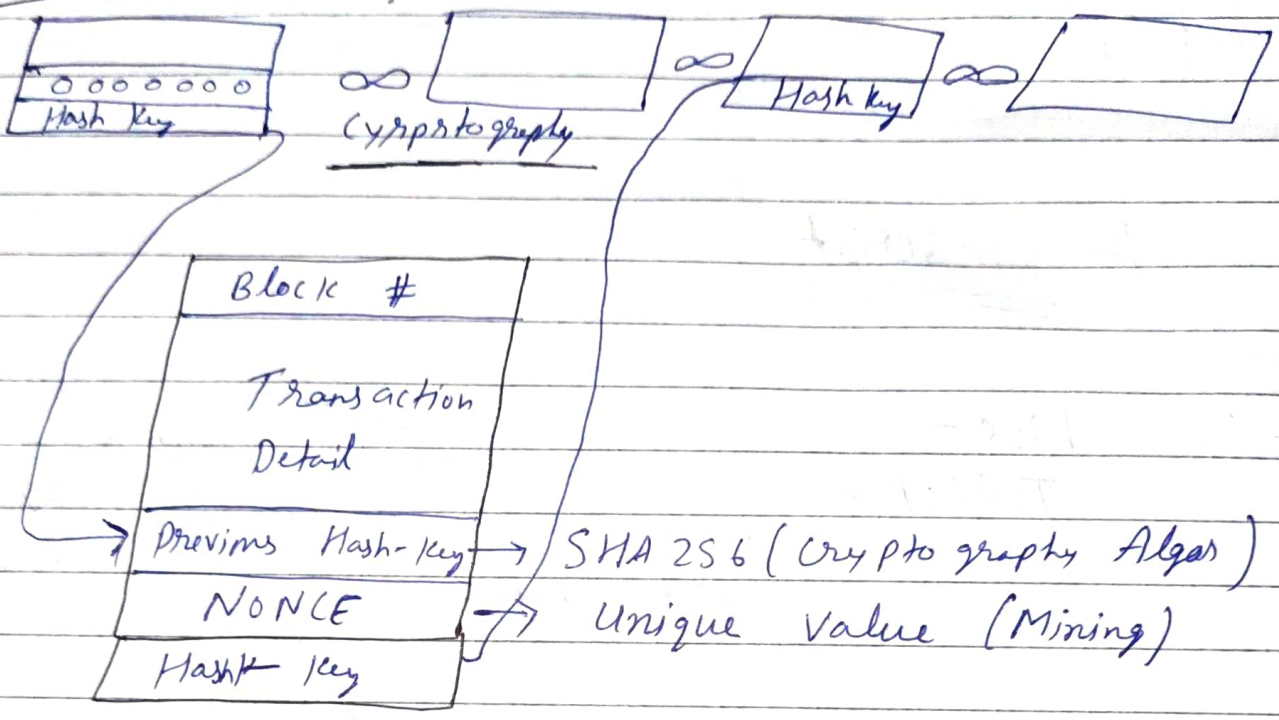
Mining →

Architecture



"Blockchain demo github" → Anders 94

Hash - 64 bits all key change

(SHA256)

64 characters → 64 x 4 = 256

Data → Hash key

Hash key → Data ⇒ No

One way cryptography

51% Hack

example

House ⇒ Registration ⇒ Government

Ambani House

House ↑ Krish → Database