

HOW TO LEARN WEB3 ?

Namaste, I am Francesco



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Docker Captain

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This talk is a SPOILER!

FrancescoXX / free-Web3-resources Public

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FrancescoXX Update twitter-posts.md 4d8b44c 5 days ago 303 commits

.github docs: Add PR template 4 months ago

.nojekyll Create a live version of the list 4 months ago

CODE_OF_CONDUCT.md Create CODE_OF_CONDUCT.md 4 months ago

CODE_OF_CONDUCT.md CONTRIBUTING.md docs: add a contributing guide 3 months ago

LICENSE Create LICENSE 4 months ago

README.md Added a learning Platform with one platform link 21 days ago

community-projects.md Create community-projects.md last month

index.html Updated text 4 months ago

intro-to-solidity.md Update intro-to-solidity.md 3 months ago

twitter-posts.md Update twitter-posts.md 5 days ago

README.md

About

A list of FREE resources to make Web3 accessible to everyone.

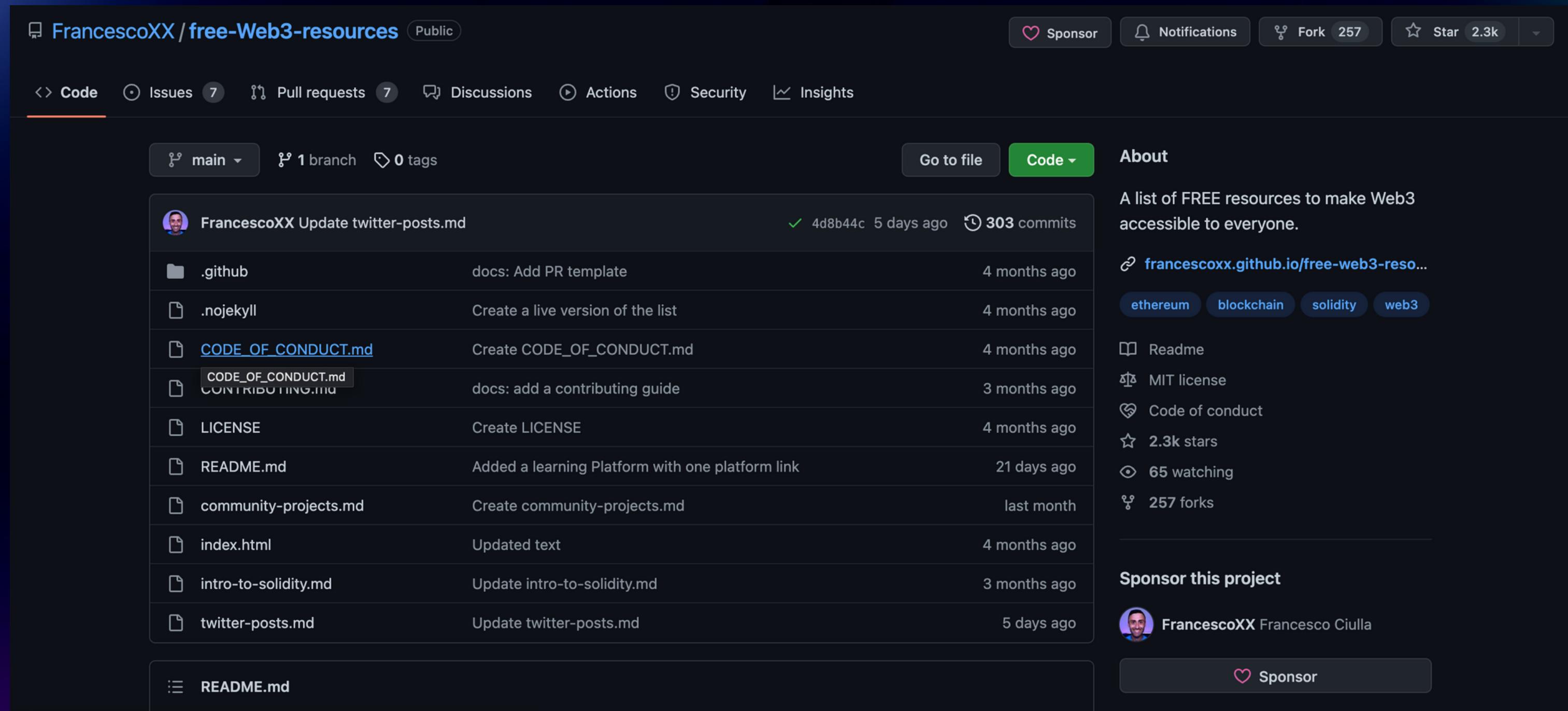
francescoxx.github.io/free-web3-reso...

ethereum blockchain solidity web3

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Where to start?

Roadmap

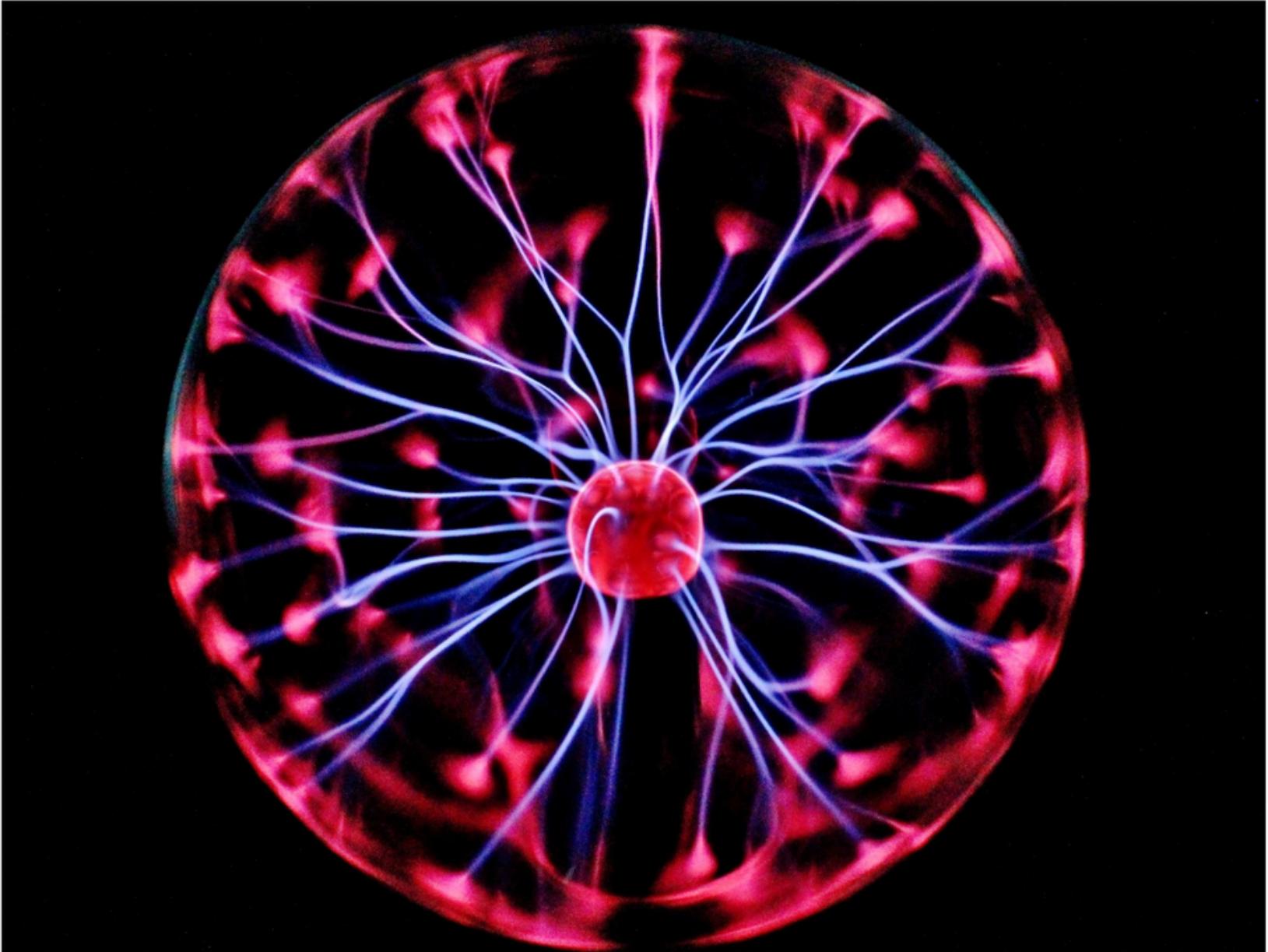


Intro article

What is Web3? The Decentralized Internet of the Future Explained



Nader Dabit



Blockchain fundamentals

- Web1, Web2, Web3
- What is a Blockchain
- Distributed Ledger
- Crypto basics
- Smart Contracts
- Wallets
- Block Explorers
- Blockchain Oracles
- NFT Intro
- DAO Intro
- Dapp Intro

Fundamentals are fundamental!

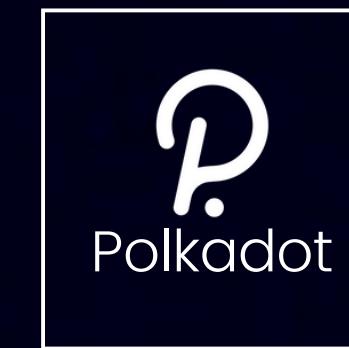
Choose a Blockchain...



Ethereum



Solana



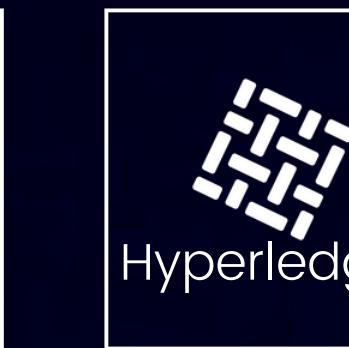
Polkadot



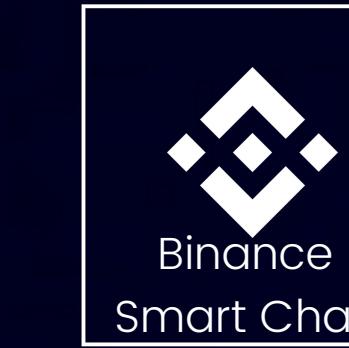
Polygon



ZkSync



Hyperledger



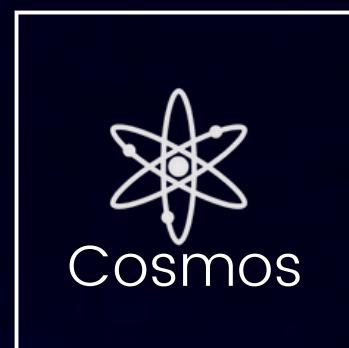
Binance
Smart Chain



Avalanche



Hedera



Cosmos



Optimism



Arbitrum



Algorand



IBM
Blockchain



Stellar



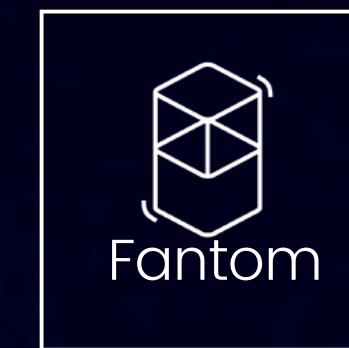
Tron



Multichain



Cardano



Fantom



Oracle
Blockchain



Klaytn



XinFin

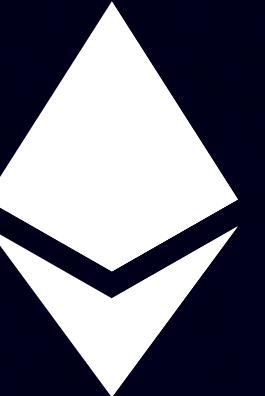


Tezos



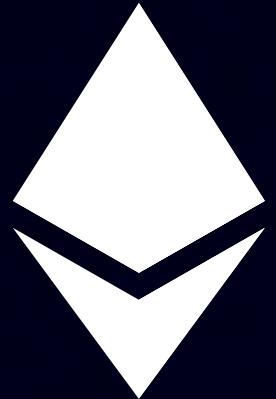
Eosio

Ethereum Concepts (basic)



- Accounts
- Transactions
- Blocks
- EVM
- Gas
- Nodes & Clients
- Networks, Node Providers
- Consensus algorithms
- Beacon Chain
- Side Chains
- The Merge

Ethereum Concepts (Advanced)



- Ethereum Whitepaper
- Ethereum Trilemma
- EndGame (Vitalik)
- Yellowpaper

These are optional!

Choose a language

Vyper



Solidity

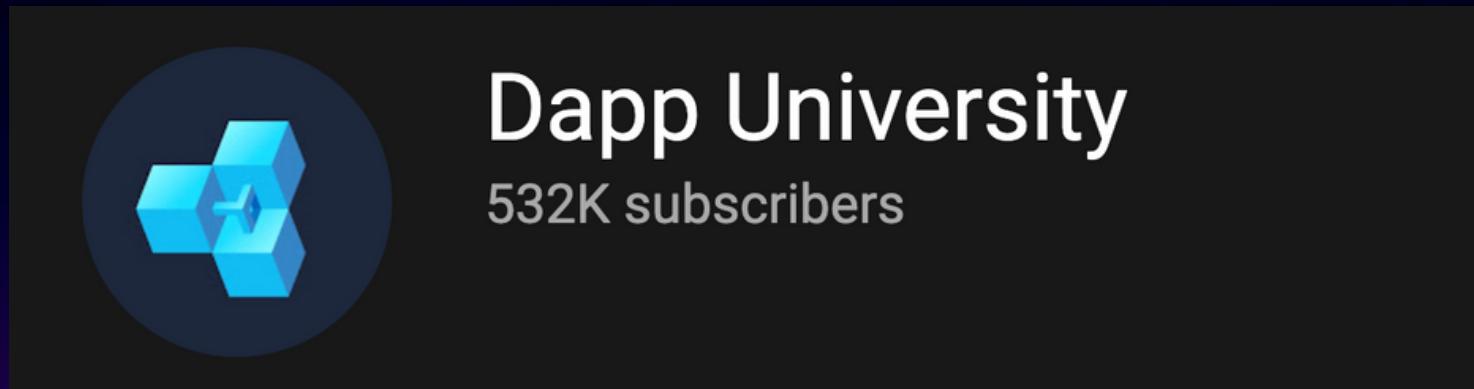


Rust
(Solana)

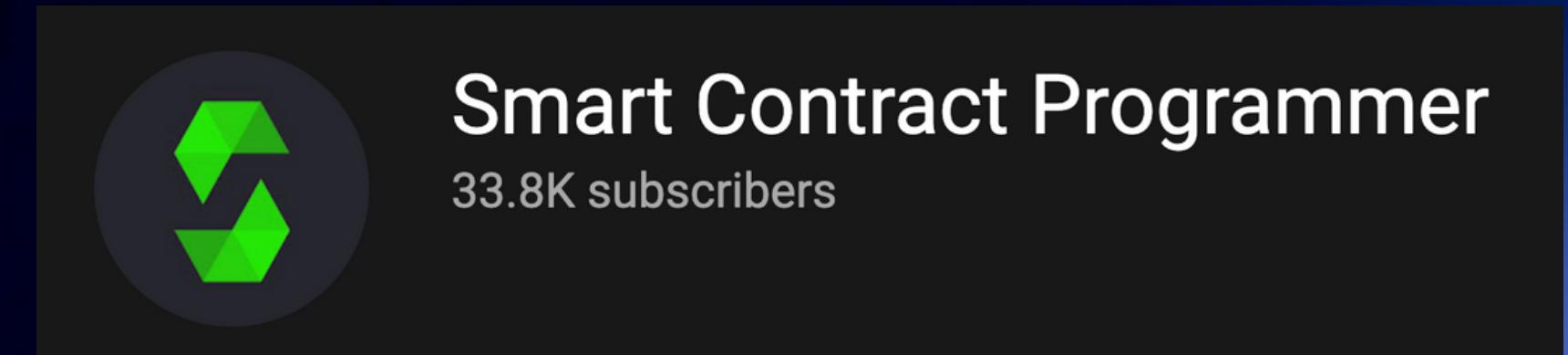
Solidity



Solidity Videos



Dapp University
532K subscribers



Smart Contract Programmer
33.8K subscribers

Solidity

- Remix IDE
- Solidity Docs
- Solidity Cheatsheet
- Cryptozombies



Use a framework

- Metamask
- Vs Code Solidity Extension
- Truffle
- Hardhat
- Brownie
- Foundry

Connect Dapp to Frontend

(Use any frontend framework!)



Web3.js



Ether.js

Decentralized Storage

p2p network of user-operators who hold a portion of the overall data

IPFS



Arweave



FileCoin



Mid-level tools

- Testing Tools
 - Waffle
 - Ganache
- OpenZeppelin
- WalletConnect
- Chainlink

SDKs



Alchemy



thirdweb



Moralis

Build Projects

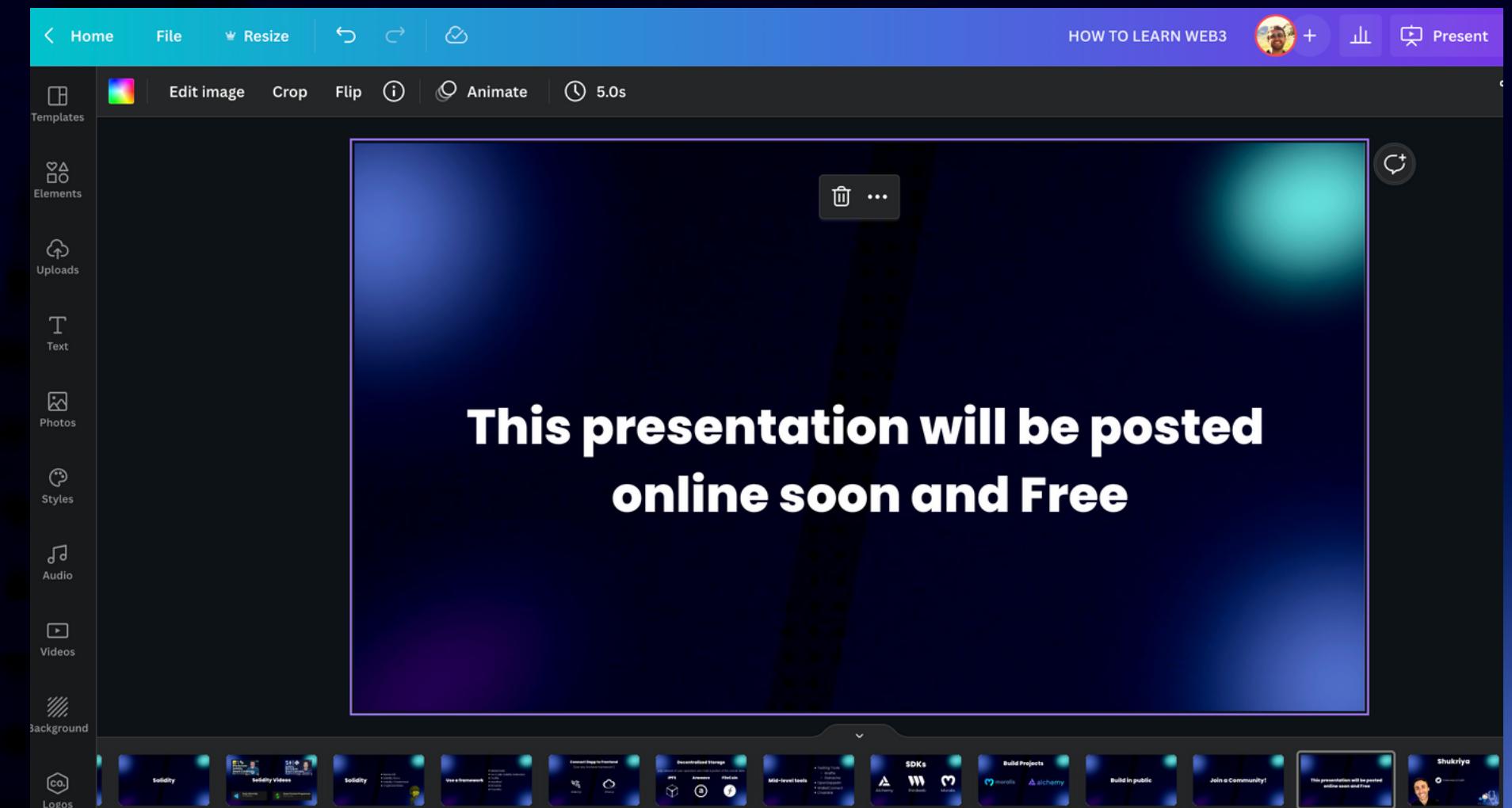


Build in public

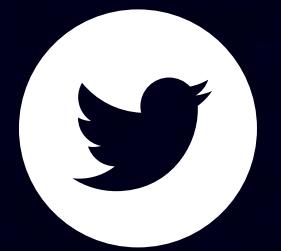


Join a Community!

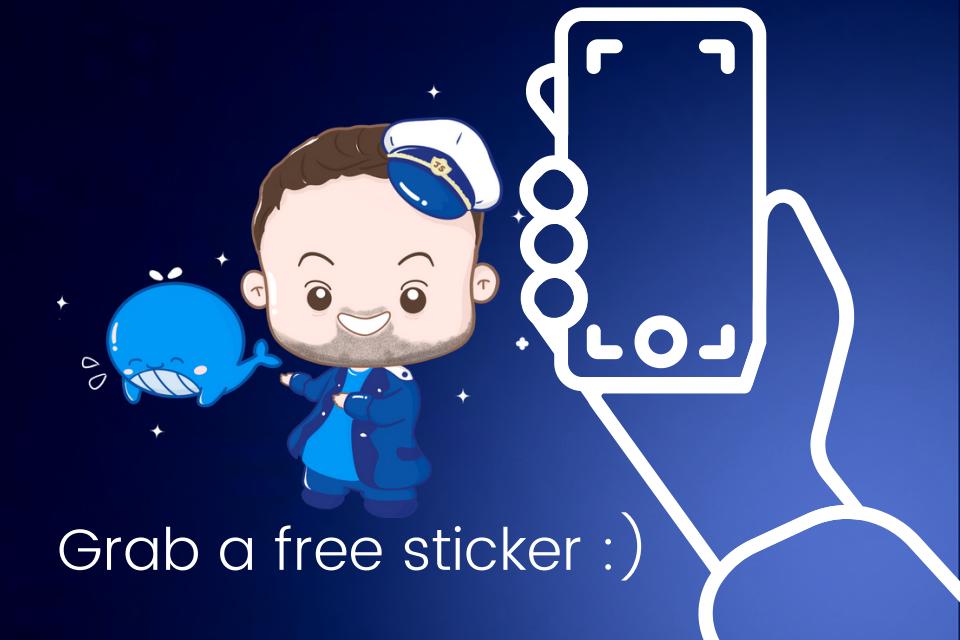
This presentation will be posted online soon and Free



Shukriya



FrancescoCiulli4



Grab a free sticker :)