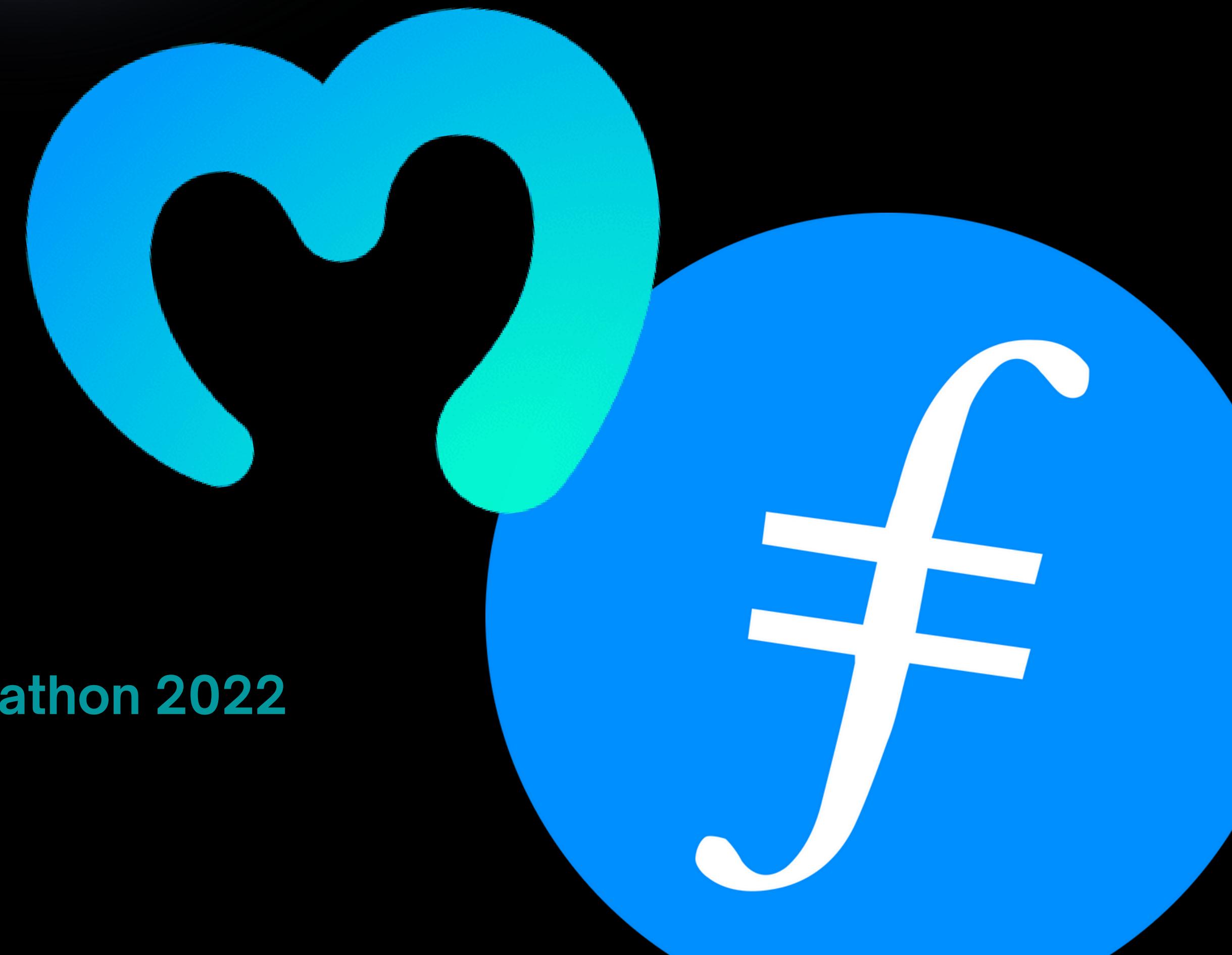


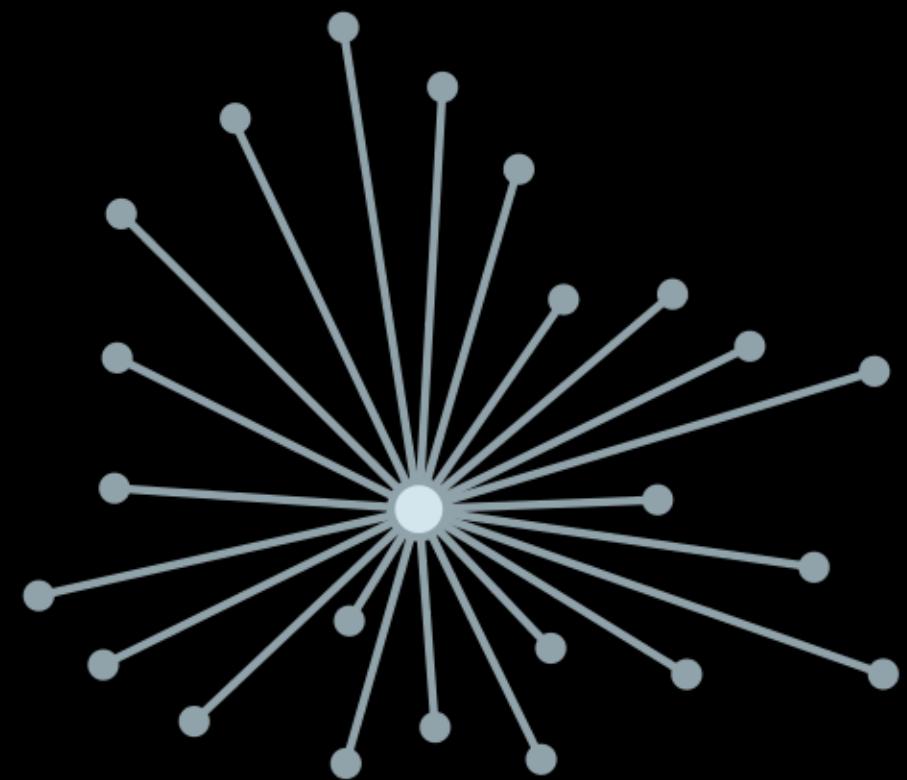
dDrive

Moralis & Filecoin Hackathon 2022

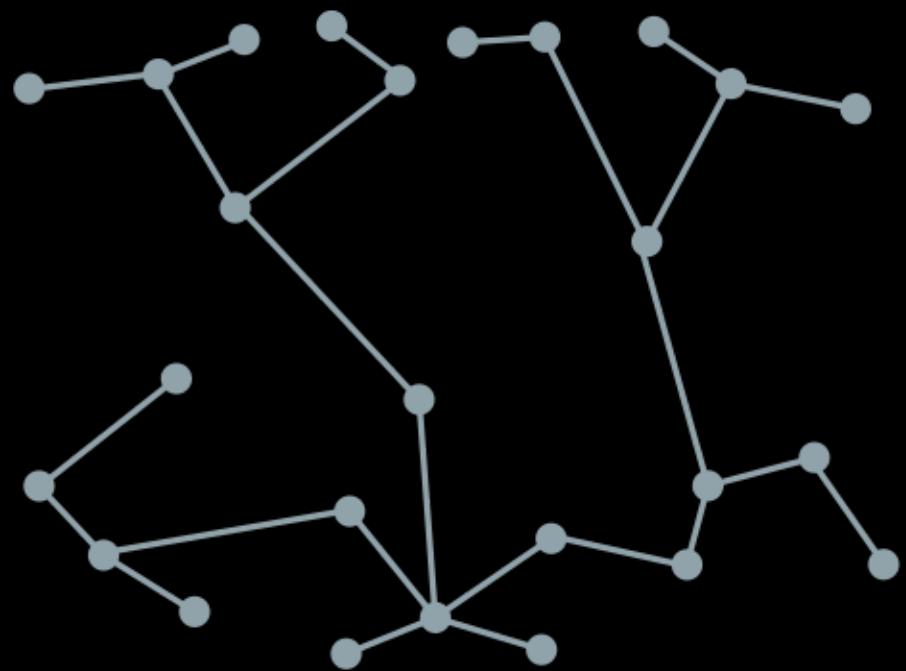
TRACK: Cloning Web2



Web 2.0 VS WEB 3.0



CENTRALIZED



DECENTRALIZED

WEB 3.0

Anyone who is on the network has permission to use the service

No one can block you or deny you access to the service

No one can censorship your data

WEB 3.0

Main Goal

Build new service to replace Web 2.0 existing centralized solution.

Build the future of the web

HACKATHON

Main Goal

Build Web 3 Cloud Storage Solution to replace existing
centralized provider such Google Drive, DropBox,
OneDrive and others...

THE PROJECT

dDrive is a fully decentralized and **Open-Source** storage solution which replace traditional storage providers having centralized governance, cumbersome infrastructure, inadequate security and privacy measures with users datasets.

dDrive is build on top of **IPFS** and inherits all the features of Blockchain Technology to emerge as an immutable, censorship-resistant, tamper-proof and privacy compliant with user dataset.

VALUE PROPOSE

Increased User Adoption

Providing a smooth and intuitive process with seamless user experience to store, manage and share files in a decentralized way will increase the adoption of IPFS and Filecoin.

VALUE PROPOSE

Real-world utility

dDrive provide a real-world utility for censorship-resistant, tamper-proof and privacy compliant storage solution by providing multi services composition that allow users to store and share files with total privacy and security controls of data access by using Encryption and Decryption technologies to increase data acces security.

TECHNOLOGIES

IPFS Core

Browser implementation of the IPFS protocol to manage files storage and retrieval to IPFS network

Pinata API

Pinning CID service to pin files to IPFS network

Ceramic Network

Decentralized database to manage storage metadata files and user profile

Lit Protocol

Decentralized Cryptography Access Control service to encrypt files and manage access control

TECHNOLOGIES

XMTP

Decentralized messaging service to manage in app notifications

Ceramic 3id Connect

Decentralized authentication service to manage user identity

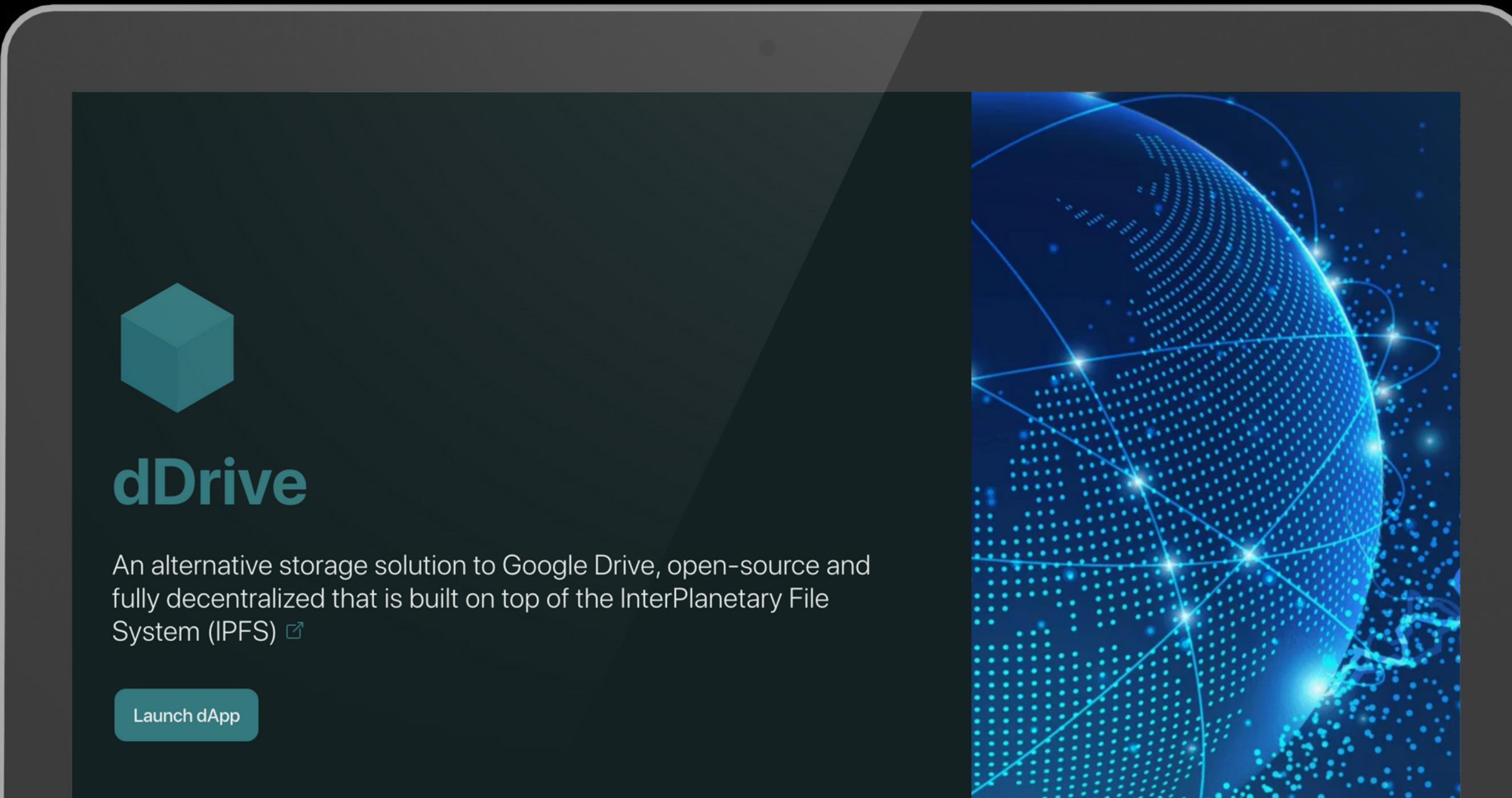
Moralis NFT API

SDK to manage NFTs from Evm networks

Valist

Software distribution tool to manage releases and updates hosted on IPFS

OVERVIEW



The image features a smartphone centered against a dark background. The phone's screen displays the dDrive mobile application. At the top of the screen is a teal hexagonal icon. Below it, the word "dDrive" is written in a bold, teal, sans-serif font. Underneath the app name is a paragraph of text in a smaller, lighter teal font: "An alternative storage solution to Google Drive, open-source and fully decentralized that is built on top of the InterPlanetary File System (IPFS) [↗](#)". At the bottom left of the phone's screen is a teal button with white text that reads "Launch dApp". To the right of the phone, there is a vertical decorative graphic consisting of a glowing blue sphere with a network of glowing blue lines and dots, resembling a digital globe or a complex network structure.

dDrive

An alternative storage solution to Google Drive, open-source and fully decentralized that is built on top of the InterPlanetary File System (IPFS) [↗](#)

Launch dApp

Project informations

Project Manager & Developper

M. Fazio Nicolas

LinkedIn: <https://linkedin.com/in/fazio-nicolas/>

Code Source

<https://github.com/FazioNico/dDrive>

Live Demo

<https://app.valist.io/d-drive/d-drive-pwa>

Open URL and click "launch" button



THANKS TO

MORALIS

<https://moralis.io>

FILECOIN

<https://filecoin.io>

And all sponsors
that have participate to this hackathon

