

IPFS Dapp for image uploading

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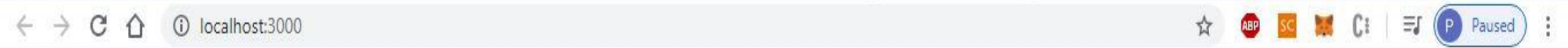
Useful tools

- **Ethereum**
- **IPFS**
- **Ganache**
- **Truffle**
- **Metamask**
- **Visual Studio Code**
- **Solidity**
- **ReactJS**



Image
uploading

Home Screen



IPFS File Upload DApp

Your Image

This image is stored on IPFS & The Ethereum Blockchain!

Upload Image

Choose File No file chosen

Submit

← → ↻ 🏠 ⓘ localhost:3000

IPFS File Upload DApp

Your Image

This image is stored on IPFS & The Ethereum Blockchain!

Upload Image

Choose File

images.jpg

Submit

MetaMask Notification

HTTP://127.0.0.1:7545

Account 2

→

0xE1CC...ED21

SET

0

DETAILS

DATA

EDIT

GAS FEE

0.00252

Δεν Υπάρχει Διαθέσιμη Ισοτιμία Μετατροπής

TOTAL

0.00252

Δεν Υπάρχει Διαθέσιμη Ισοτιμία Μετατροπής

This image is stored on IPFS

← → ↺ 🏠 ⓘ localhost:3000

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IPFS File Upload DApp

Your Image

This image is stored on IPFS & The Ethereum Blockchain!



A photograph of a harbor at sunset. A small boat is docked at a pier in the foreground. In the background, there are modern buildings and a bridge over the water. The sky is a mix of orange, yellow, and blue.

Upload Image

Choose File images.jpg

Submit

Truffle console

Consequently, we see that we have stored the ipfs hash in the smart contract

```
truffle(development)> SimpleStorage.deployed().then(function(i){app=i;})  
undefined  
truffle(development)> app.get().then(function(value){ipfsHash=value});  
undefined  
truffle(development)> ipfsHash  
'QmNyg8kq782gy9dtLLb43yZXbcGmSB56fU8x1E6oN4imp6'  
truffle(development)>
```

For the
implementation of
this project I used
as references
articles and
tutorials about ipfs
uploading dapps
from:

- Medium
- Youtube
- Github
- Ethereum Stack Exchange