



Abolfazl Iraninasab

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<https://github.com/Abolfazl-Iraninasab>

Summary

My name is Abolfazl Iraninasab an expert Web and blockchain developer. I have Bachelor's Degree in Electronics Engineering from [Iran University of Science and Technology](https://www.iust.ac.ir/) .My specialty is in creating Responsive Websites using CSS, HTML, jQuery and Bootstrap, build DApps using Web3, Solidity, Vyper, Truffle, Ganache, MetaMask and jQuery .

Skills

- Trading in stock markets
- Creating & deploying smart contracts
- Working with Truffle and Ganache local network
- Working with the Web3.js library, Mocha and Chai JavaScript frameworks, MetaMask wallet API
- Working with token standards on Ethereum like ERC-20, ERC-721, ERC223 and ERC-1155
- Working knowledge of HTML, CSS, Bootstrap5, jQuery, JavaScript, Solidity and Vyper
- Working knowledge of Oracles to access data from the world outside the blockchain
- Working knowledge of tools like Slither, Tenderly, dappTools, Echinda and Hardhat
- Working knowledge of contracts that interact with DeFi protocols like Uniswap, Curve , Aave, dYdX, Compound, Tornado cash ,Synthetix and run test for them by forking Ethereum mainnet .

Main projects

1)Defi Flash Loan

flash loan allows you to borrow tokens that worth millions of dollars as long as you pay it back in the same transaction.

Possibilities:

In this project smart contracts allow us to borrow loans from flash loan lenders (Uniswap, Curve , Aave, dYdX, Compound and Synthetix) by interacting with these protocols interfaces .

Also I provide tests for testing the smart contracts by forking Ethereum mainnet to the local blockchain using ganache-cli.

The results of tests have been provided in github repository of each project.

Languages: Solidity Vyper JavaScript

<https://github.com/Abolfazl-Iraninasab>

2) Decentralized Bank

This project contains 2 local tokens:

- utility token (UTL): is used for staking, getting Airdrop.
- governance token (GVN): users can get this token only by staking UTL.

Possibilities:

Airdrop, buy UTL, stake UTL, get GVN as reward of staking UTL, unstake UTL and get GVN, get GVN without unstaking UTL

Languages: Solidity JavaScript jQuery HTML CSS Bootstrap

<https://github.com/Abolfazl-Iraninasab/DecentralizedBank.git>

[more explanation](#)

3) Decentralized social network

In this project I use the **IPFS** to store the image and upload the metadata to IPFS and finally its reference is stored on the blockchain as **NFT**.

Deployed on Ropsten testnet.

Possibilities:

Post a photo, like, dislike, comment and tip

Languages: Solidity JavaScript jQuery HTML CSS Bootstrap

<https://github.com/Abolfazl-Iraninasab/DecentralizedInstagram.git>

[more explanation](#)

4) NFT market

This project is a decentralized NFT market and users can create their own NFTs and list them on this NFT market to trade them.

Possibilities:

Create new NFTs, list NFTs on NFT market, trade NFTs

Openzeppelin inherited contracts:

Address.sol, Context.sol, Counters.sol, ERC165.sol, ERC721.sol, ERC721URIStorage.sol, IERC165.sol, IERC721.sol, IERC721Metadata.sol, IERC721Receiver.sol, String.sol, ReentrancyGuard.sol

Languages: Solidity JavaScript

<https://github.com/Abolfazl-Iraninasab/NFTMarket.git>