



PandaCoin

Pretty fast & easy on your wallets 💰

November 2023

PandaCoin x Ethereum Blockchain

Try Pitch



Send Crypto
across the world

Explore the crypto world. Buy and sell
cryptocurrencies easily on PandaCoin.

Connect Wallet

Reliable 😊	Secure 🔒	Ethereum 💎
Web 3.0 🤖	Low Fee 💰	Blockchain 🪂

M

Meet the team -



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Agenda

01. Introduction
02. Product
03. Case study
04. Tech Stack

Introduction



PandaCoin

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What is our website about?

Want to know how blockchain networks are implemented?

We got you covered, we created a web 3.0 application which uses Ethereum's Blockchain Network dependencies and helps you to transfer Sepolia ETH (Testing crypto) worldwide.

Our website's integration with Metamask eases the transfer of crypto currencies & the usage of solidity smart contracts

Homepage

Time to jump into the **demo!**
Welcome to PandaCoin
A Web 3.0 app for transferring
cryptocurrency

Made with: Vite & React



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Market Exchange Wallets Login

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Web 3.0 🌐 Low Fee 💰 Blockchain 💡

Sepolia-ETH

Address To

Amount (ETH)

Keyword (Gif)

Enter Message

Send now

PandaCoin



Benefits

Benefit 01

Secure A small icon of a yellow padlock with a key next to it, symbolizing security.

Benefit 02

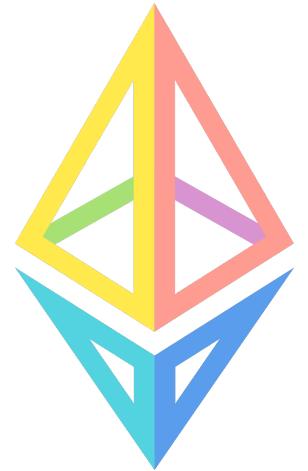
Low GAS price { Just 21000 GWEI }

Benefit 03

Faster transactions A small icon of a red rocket ship launching upwards, symbolizing speed.

Tech Stack

</>



Ethereum



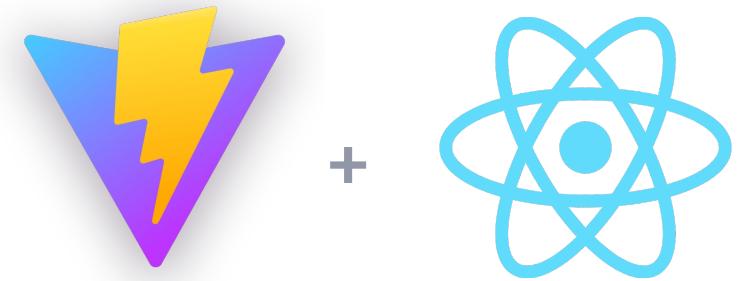
Waffle



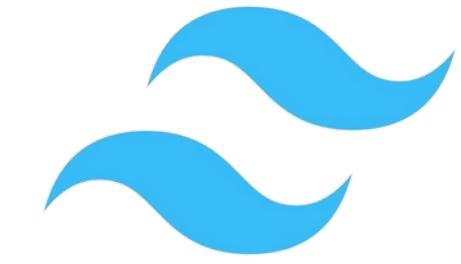
Hardhat



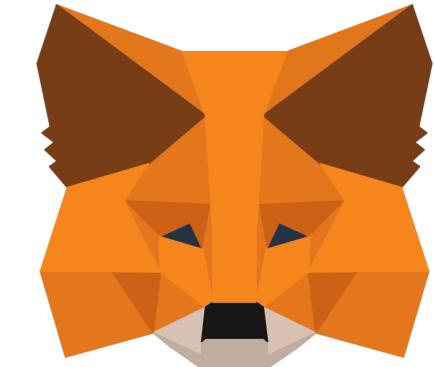
Solidity



Vite + React.js



Tailwind CSS



Metamask

Front - end Development



 SOLIDITY

Smart Contracts

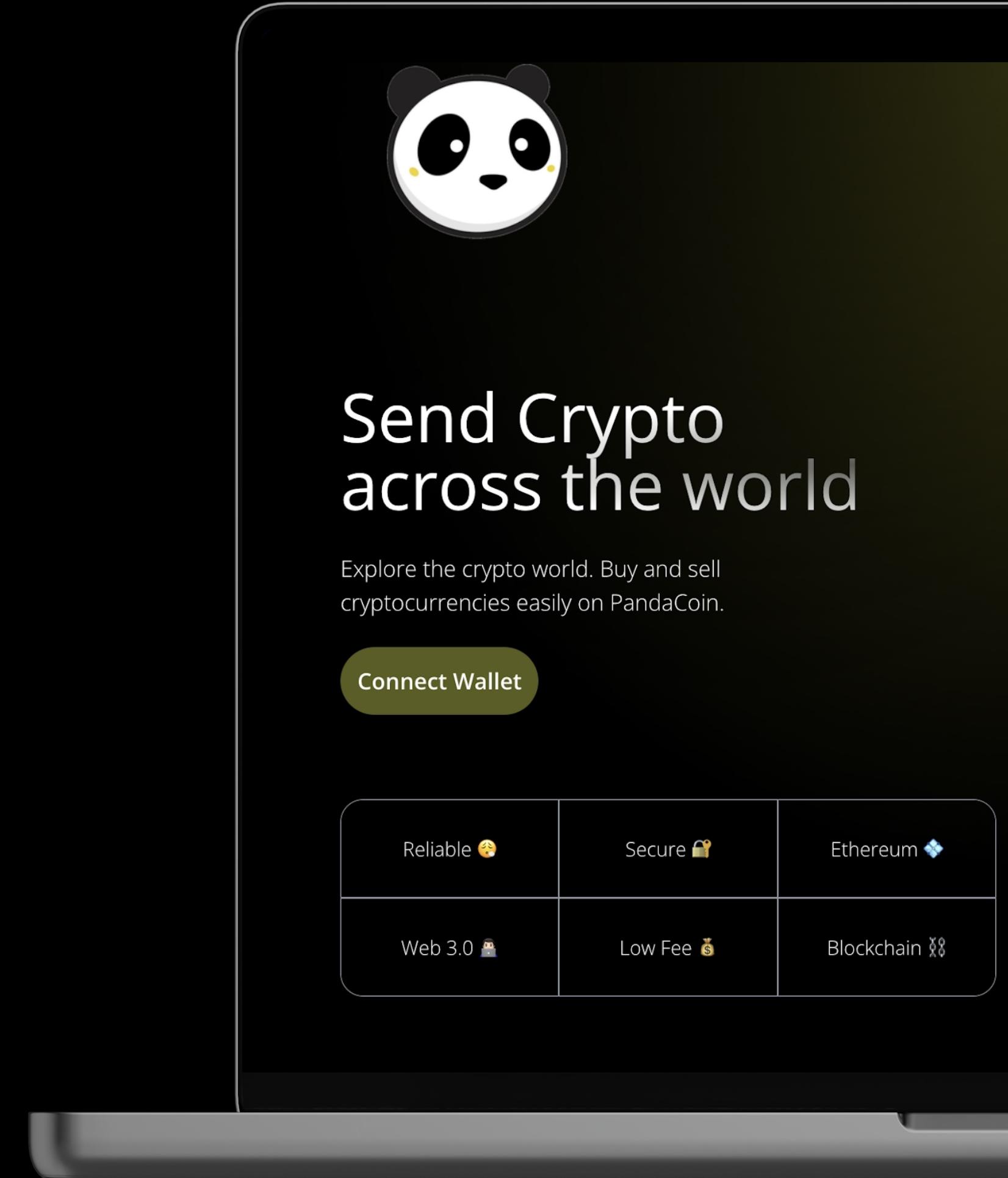
We have used solidity smart contracts for transactions, as you can see this is an actual code snippet which we actually implemented in our code.

```
1 pragma solidity ^0.8.9;
2
3 // SPDX-License-Identifier: UNLICENSED
4
5 import "hardhat/console.sol";
6
7 contract Transactions {
8     uint256 transactionCount;
9
10    event Transfer(address from, address receiver, uint amount, string message, uint256 timestamp, string keyword);
11
12    struct TransferStruct {
13        address sender;
14        address receiver;
15        uint amount;
16        string message;
17        uint256 timestamp;
18        string keyword;
19    }
20
21    TransferStruct[] transactions;
22
23    function addToBlockchain(address payable receiver, uint amount, string memory message, string memory keyword) public {
24        transactionCount += 1;
25        transactions.push(TransferStruct(msg.sender, receiver, amount, message, block.timestamp, keyword));
26
27        emit Transfer(msg.sender, receiver, amount, message, block.timestamp, keyword);
28    }
29
30    function getAllTransactions() public view returns (TransferStruct[] memory) {
31        return transactions;
32    }
33
34    function getTransactionCount() public view returns (uint256) {
35        return transactionCount;
36    }
37 }
```

```
● ● ●  
1 pragma solidity ^0.8.9;  
2  
3 // SPDX-License-Identifier: UNLICENSED  
4  
5 import "hardhat/console.sol";  
6  
7 contract Transactions {  
8     uint256 transactionCount;  
9  
10    event Transfer(address from, address receiver, uint amount, string message, uint256 timestamp, string keyword);  
11  
12    struct TransferStruct {  
13        address sender;  
14        address receiver;  
15        uint amount;  
16        string message;  
17        uint256 timestamp;  
18        string keyword;  
19    }  
20  
21    TransferStruct[] transactions;  
22  
23    function addToBlockchain(address payable receiver, uint amount, string memory message, string memory keyword) public {  
24        transactionCount += 1;  
25        transactions.push(TransferStruct(msg.sender, receiver, amount, message, block.timestamp, keyword));  
26  
27        emit Transfer(msg.sender, receiver, amount, message, block.timestamp, keyword);  
28    }  
29  
30    function getAllTransactions() public view returns (TransferStruct[] memory) {  
31        return transactions;  
32    }  
33  
34    function getTransactionCount() public view returns (uint256) {  
35        return transactionCount;  
36    }  
37 }
```

Thank You

Team PandaCoin



The smartphone screen shows the PandaCoin mobile application. At the top is a white circular icon featuring a cartoon panda face. Below it, the text "Send Crypto across the world" is displayed in large white letters. Underneath this, a smaller text reads "Explore the crypto world. Buy and sell cryptocurrencies easily on PandaCoin." A green button labeled "Connect Wallet" is visible. At the bottom of the screen is a grid of six white rectangular boxes with thin black borders, arranged in two rows of three. The top row contains the text "Reliable 😊", "Secure 🔒", and "Ethereum 💎". The bottom row contains "Web 3.0 🤖", "Low Fee 💰", and "Blockchain 🪂".

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