

UX in Web3





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#NFT #Tokenization #MiningHeatingSolutions
#dAppDevelopment #Web3Engineering

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages



Status Quo – Web3



Bitcoin

+



XR

=



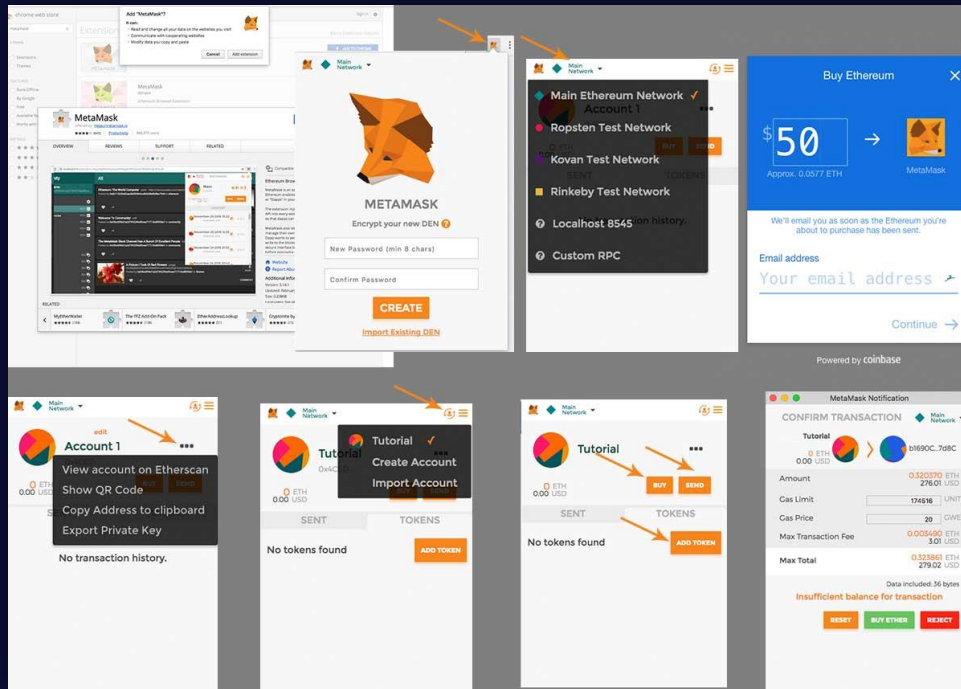
**Immersive decentralized
environment**

Vision – Web3

“**Web3** is a *decentralized, user-owned* internet where you’re a *stakeholder* with control over your digital experiences.”



Actual Status Quo – Web3



Meta Mask

```
1  pragma solidity >=0.4.22 <0.7.0;
2  contract EtherBank {
3      mapping (address => uint256) public balances;
4      function deposit() external payable {
5          require(balances[msg.sender] + msg.value >= balances[msg.
6              sender]);
7          balances[msg.sender] += msg.value;
8      }
9      function withdraw(uint256 amount) external {
10         require(amount <= balances[msg.sender]);
11         balances[msg.sender] -= amount;
12         msg.sender.transfer(amount);
13     }
```

Solidity

User Experience

“UX encompasses the overall experience a user has while interacting with a product, system, or service.”



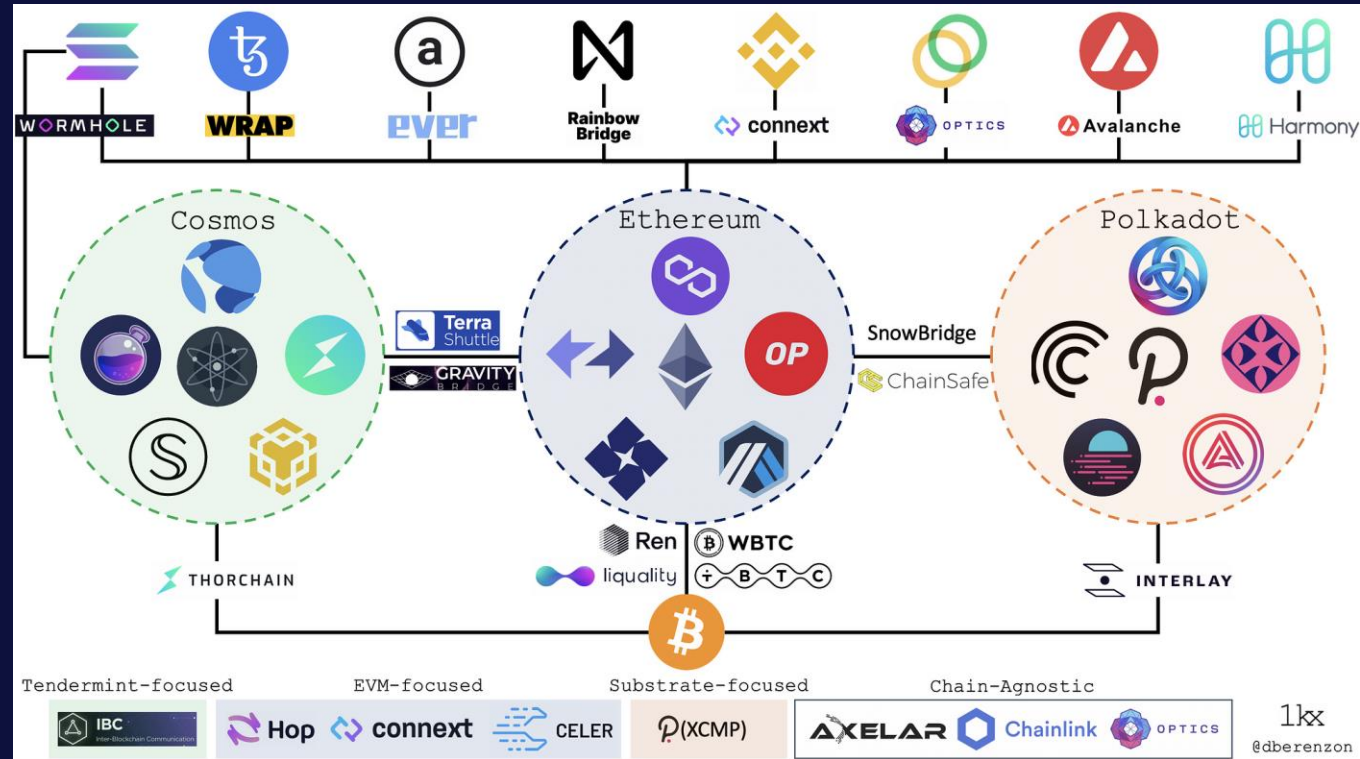
Web3 Challenges

- Multiple Blockchain Networks
- Poor Smart Contract Interactions
- Self-Custody

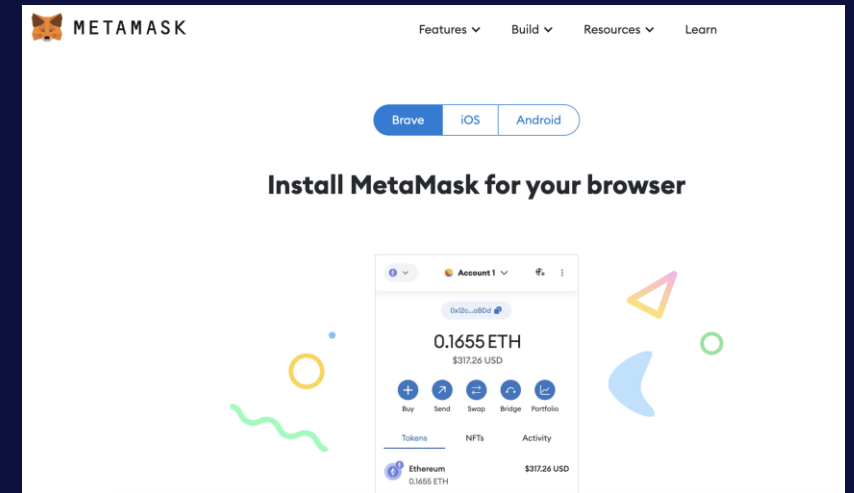
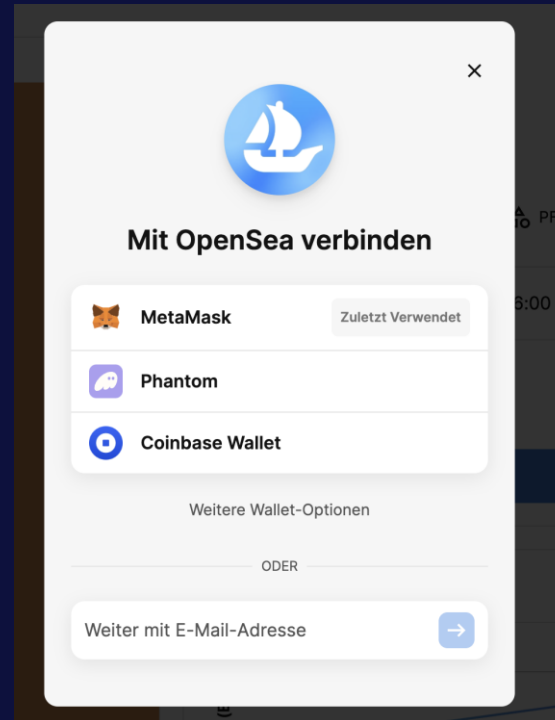
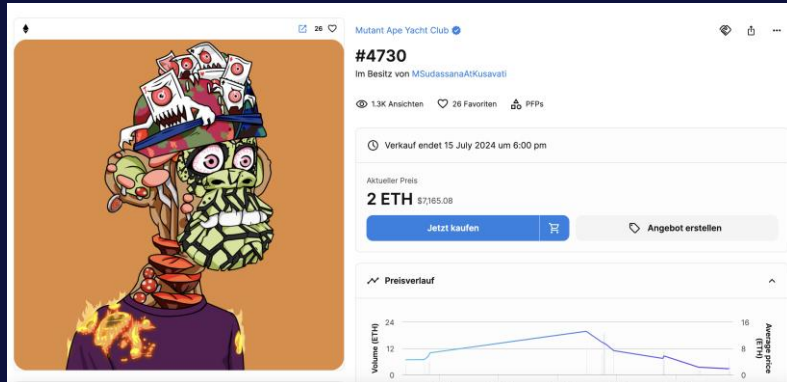


SOTA Web3 UX

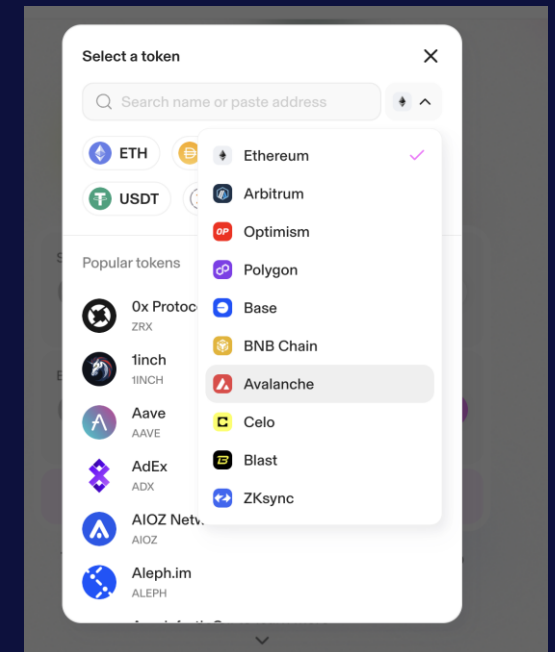
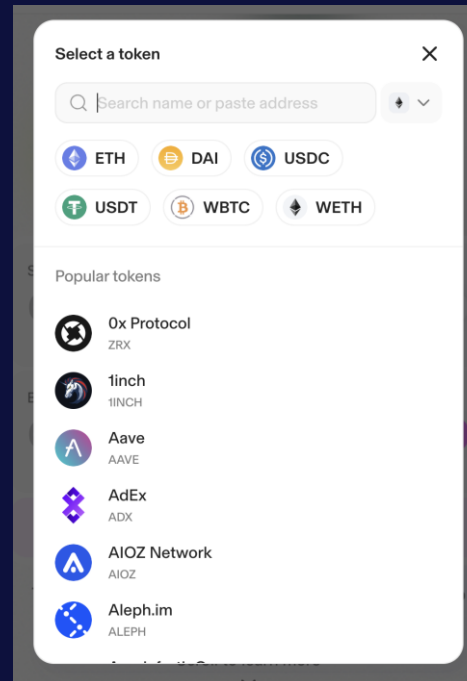
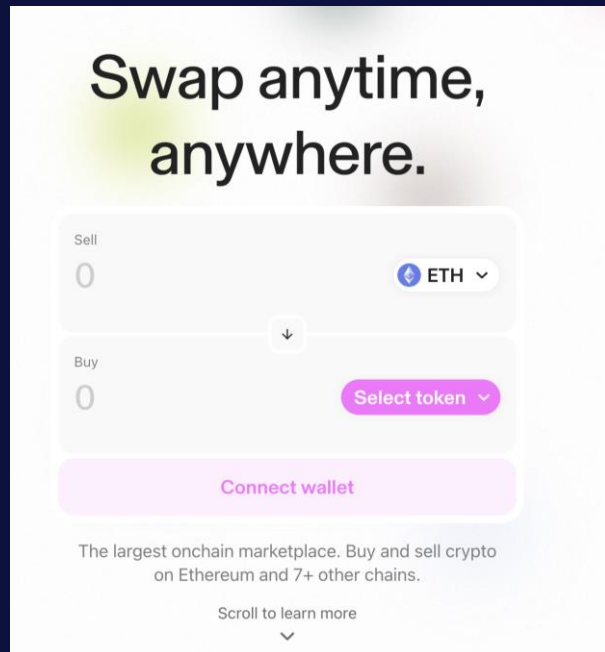
- > 1000 **blockchains**
- > 9000 – 20000 **Token/Coins**
- > 295 million **user**



SOTA Web3 UX



SOTA Web3 UX



Opportunities

- Simplified Interfaces
- Education and Empowerment
- Self-Custody and Security
- Aesthetics and Design





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Topics / Company Structure





NFT / Tokenization

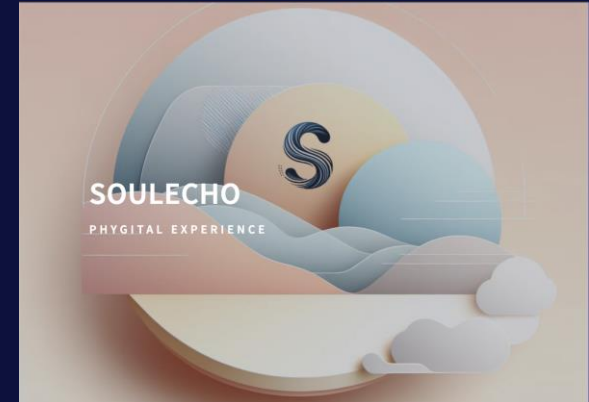
Empowering Artists To Immortalize Their Creativity On The Blockchain



ALIO NFT



Zebra Van Fomo



SOULECHO



dApps & Web3 Software Services

Building innovative dApps and Web3 solutions for a decentralized future.

Core API

- Python Flask based API endpoints
- Integration to existing software solutions (e.g. IDEA, DATEV)



Consultomatix

- In-House UI development
- Data management
- Process optimization



Data Lake

- Node infrastructure
- Price database
- > 500 Assets; >100m DP

Chip-based Heating Solutions

Efficient Residential Heating Powered By Re-used Chip Heat.

Integrating computational units
into household heating systems.



Chip-based Heating Solutions

Efficient Residential Heating Powered By Re-used Chip Heat.



Plug and Play



Self-Controlled



**Corporate
Environment**

Student Theses

We are looking for outstanding students



- Web3 HCI (e.g. UX, Usability Testing)
- On-Chain data processing and optimization



- Developing a User-centered control board
- Hardware development (e.g. home heating system)



Conclusion

Prioritizing UX is essential for Web3 adoption and growth. Collaboration between designers, developers, and the community is crucial.



Q & A

Happy to answer your questions





Cryptolight GmbH



#Web3Engineering #B2BCryptotax #Cross-Chain

Gefördert durch:



Bundesministerium
für Wirtschaft
und Klimaschutz



Zusammen.
Zukunft.
Gestalten.

aufgrund eines Beschlusses
des Deutschen Bundestages