Shielder.js

Aleph Zero

Developed by Degens Alliance



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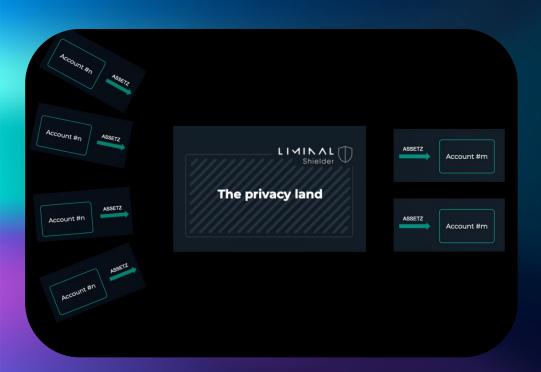
Solution
Shielder.js as an answer to the UX issues

How it works?

A brief intro to

Shielder.js SDK





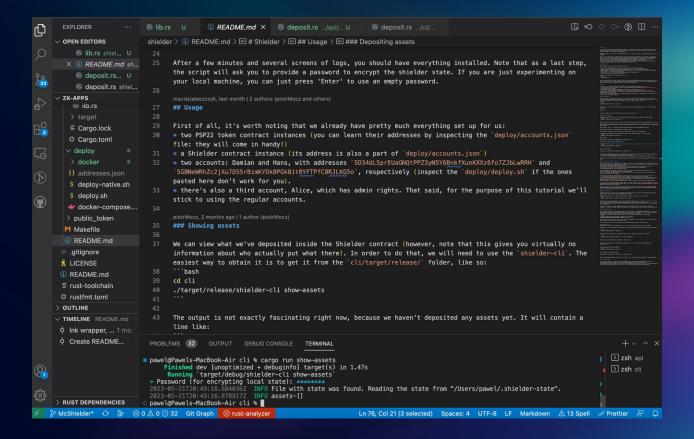
Liminal Shielder Private Transfers

Consist of zk-SNARKs proofs generator, Shielder Smart Contract, and custom Aleph Zero Node Extension with verifier



The Problem UX

Shielder CLI



Current Shielder Issues

- Interaction only from the Command Line Interface
- Out-of-the-box it supports only 3 hard-coded accounts
- Other Accounts can be linked by passing seed phrase
- Necessity to download and compile large application locally
- Requires some degree of technical knowledge and tools, to compile and run Shielder Application
- Takes even up to a few hours to compile all of the components (on Macs*)

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Shielder.js as a solution

Overview of Shielder.js



WASM

Moves zk-SNARK proofs generation to WASM module



Polkadot.js Compatible

Any account from Polkadot.js Wallet can be used



Easy to Use

Can be used entirely in the web app, no need to download, compile, nor run CLI

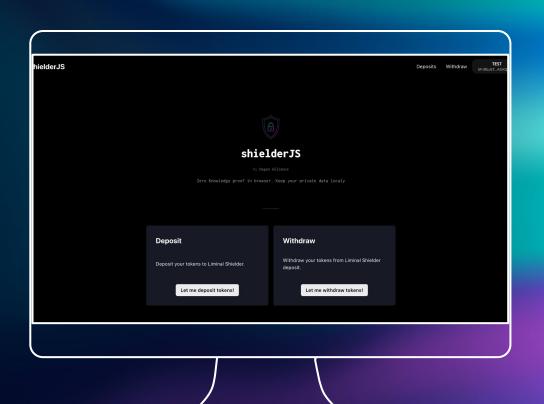


SDK

NPM Bundle available for building custom applications with Shielder.js

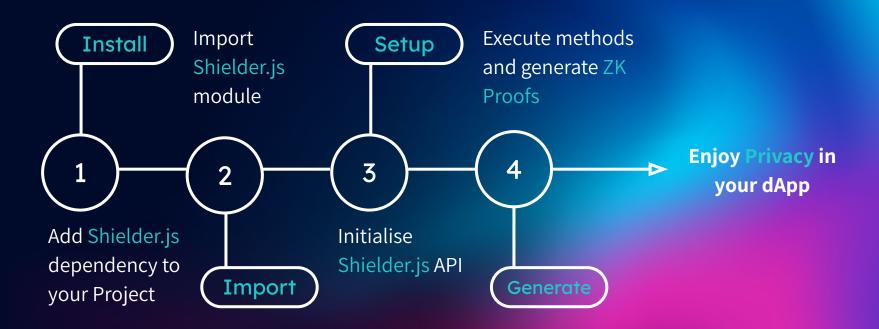
Shielder.js in action

Shielder.js can be used to build dapps that leverage Liminal Shielder, without a need to get out of the Web Browser





Shielder.js SDK



The Team



Przemek Paczoski

Experienced front-end developer, quality engineer, and lead, with a strong background of software development process, and blockchain technologies.



An Alumni of the University of Sussex with Bachelor's at Computer Sciences with focus on Al and Computer Architectures.



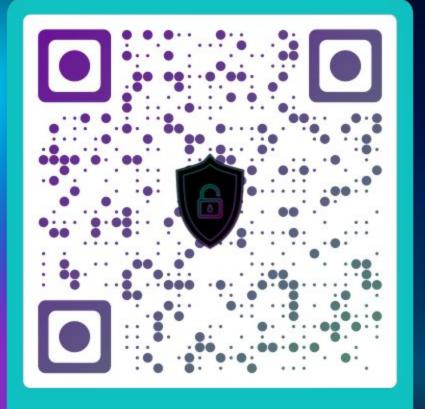
Software Engineer, with experience in several blockchain technologies including projects based on Lightning Network.

Kowalewski



Krzysiek Kuczma

Software engineer with 5+ year hands-on experience, specializing in Front-end, with some knowledge in nodejs based Backend technologies. Knowledgeable about cloud.



GitHub Repos

Thank You



- @CirstosKrzyS
- @kodziak
- @JanTheJug
- @Paweldev