

CRYPTVERIFY: A BLOCKCHAIN-POWERED APPROACH TO SECURE AND DECENTRALIZED IDENTITY VERIFICATION


INTRODUCTION

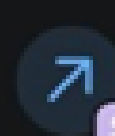
CryptVerify enables secure identity verification on the Ethereum blockchain. It uses JWKS for verifying signatures, smart contracts for on-chain validation, and JWT-based login for a seamless, decentralized authentication experience.

OBJECTIVE

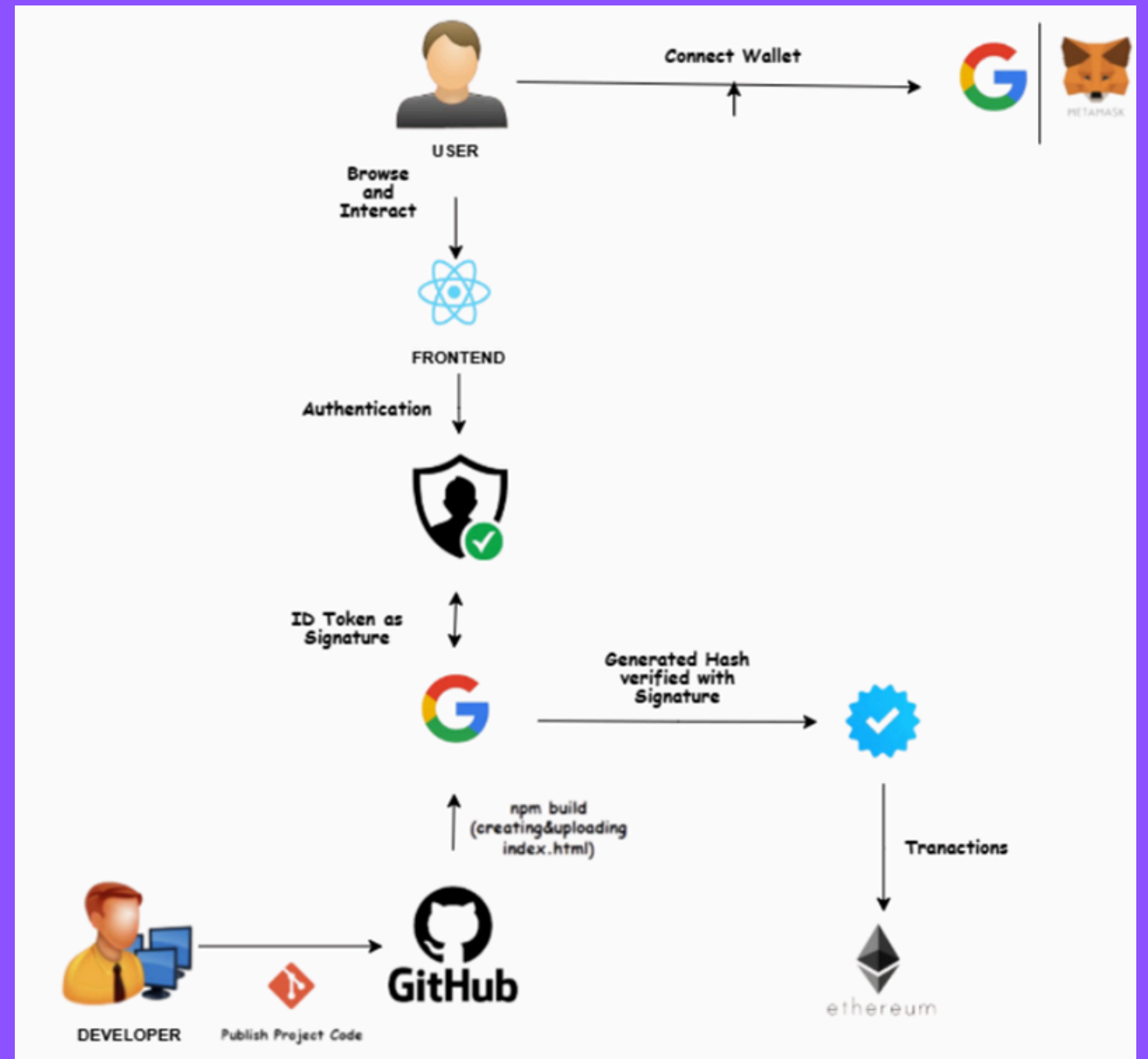
- Decentralized Authentication – Enable secure user verification without centralized intermediaries using smart contracts.
- Cryptographic Validation – Use JWTs, JWKS, and RSA-based signature checks to ensure tamper-proof access.
- Seamless Wallet Integration – Offer multi-wallet support with OAuth-based login for enhanced user experience..

Mar 14, 2025

 **Send** -0.01 SepoliaETH
Confirmed

 **Send** -0 SepoliaETH
Confirmed

TECHNOLOGIES USED



METHODOLOGY

- Wallet Login: Authenticates users via Google, MetaMask, or CryptVerify wallet.
- JWT/JWKS: Validates user identity with RSA-encrypted signature checks.
- Smart Contracts: Verifies credentials and maintains immutable records on-chain.
- Chainlink Oracles: Ensure real-time data verification for trusted authentication.
- Frontend UI: Guides user flow and triggers secure verification actions.

LINKS

- <https://github.com/priyadh1712/CryptVerify>

Wallet Information

Address:
0x19fA2C33F6FA259c5577422e69422c5066587884
Balance:
0.00001 ETH
Your Email:
priaashok2003@gmail.com
Identity Provider:
Google

0x98e5740f4a...	Transfer	7984488	52 secs ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00002 ETH	0.00043375
0x9997430e6...	Transfer	7984479	2 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00004 ETH	0.00042157
0xd9401519d...	Transfer	7984476	3 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00003 ETH	0.00037138
0x2181f256e43...	Transfer	7984473	3 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00009 ETH	0.00037055
0x540855773b...	Transfer	7984470	4 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00008 ETH	0.00034777
0xcab6c434ae...	Transfer	7984467	5 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00007 ETH	0.00032355
0xc0c24145eL...	Transfer	7984464	5 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00006 ETH	0.00032254
0x46967211457...	Transfer	7984463	5 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00005 ETH	0.00032344
0xb0f9e92abc...	Transfer	7984459	6 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00004 ETH	0.00030339
0x70a8c2a467...	Transfer	7984443	9 mins ago	0x45779a57...00c50790	0x19fA2C33...066587884	0.00003 ETH	0.00022258

Wallet Information

Address:
0x19fA2C33F6FA259c5577422e69422c5066587884
Balance:
0.00052 ETH
Your Email:
priaashok2003@gmail.com
Identity Provider:
Google

