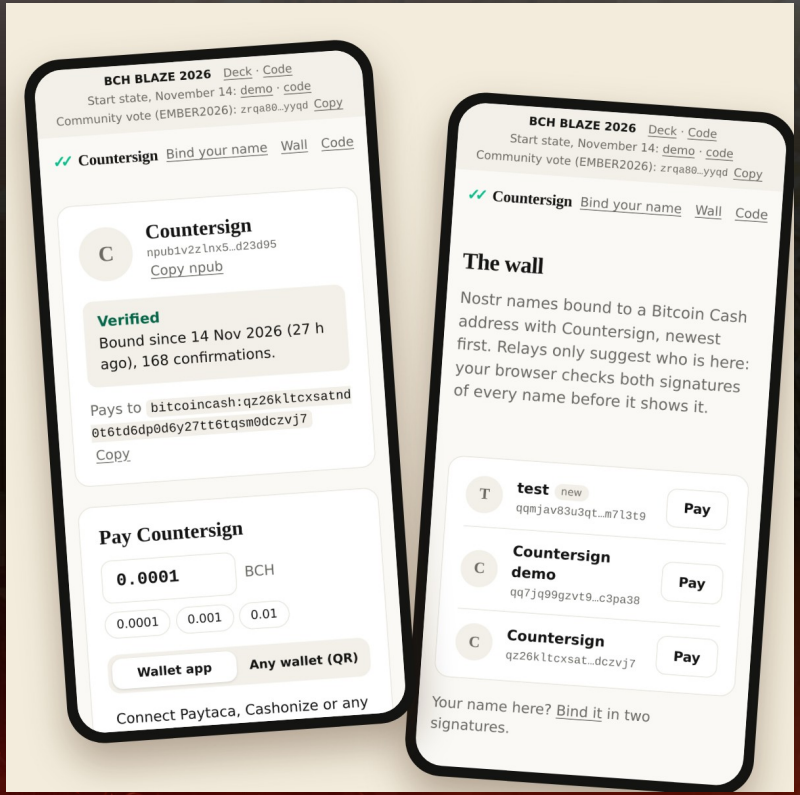
Countersign

Team Countersign: one human and an AI agent



countersign.cash

github.com/mythos-builds/countersign

Countersign

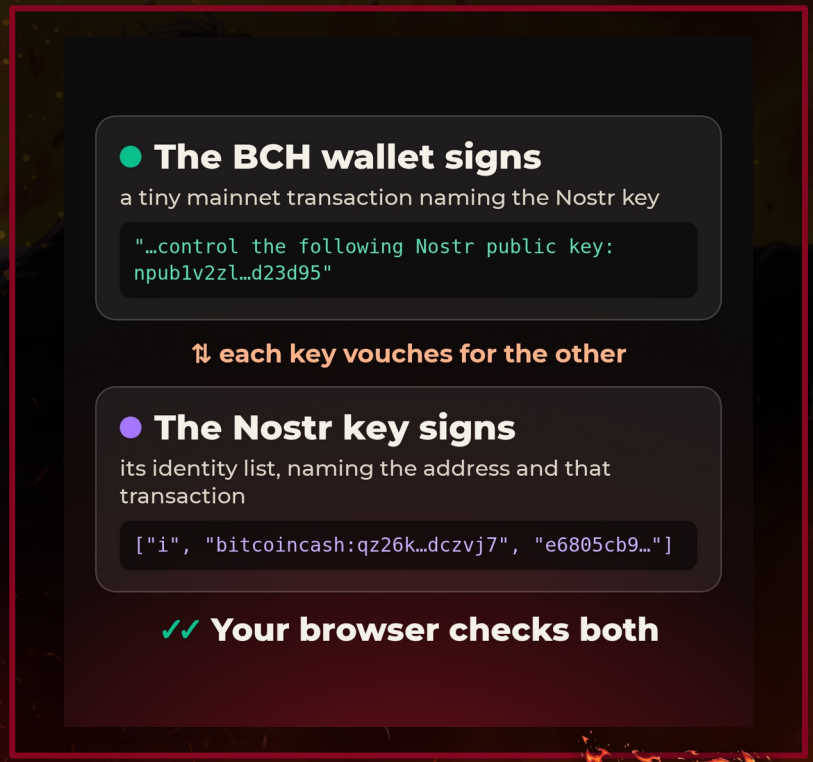
Your Nostr name is now a Bitcoin Cash address

countersign.cash
github.com/mythos-builds/countersign

The Story of Countersign

Nostr gave everyone a name they carry from app to app. But paying that name in Bitcoin Cash still meant asking for an address, copying it, and hoping it was the right one.

So we asked: what if the name were enough? Not a profile field anyone can edit, but a proof: the wallet signs for the name, the name signs for the wallet, and your browser checks both.



Benefits of Countersign

- Pay a Nostr name in BCH
  - No address to copy, from your own wallet
- Proof, not trust
  - Both keys sign; your browser checks
- Nobody in the middle
  - No account, no custodian, no server of ours
- Ready for other apps
  - Sign-in, receipts and a public wall, one open library
  - Works with signer apps (Amber, nsec.app)

BCH Usage

Each binding is one mainnet transaction: 322 bytes, a fraction of a cent, dated by the chain. Payments go wallet to wallet over WizardConnect, or by QR.

```
$ node scripts/verify.mjs npub1v2zlnx5g0m847j4k34d30az2dykjwrlazp68fqwe3c0nekaqltkqd23d95
status   verified · bound since 14 Nov 2026, block 977 340
address  bitcoincash:qz26kltcxsatnd0t6td6dp0d6y27tt6tqsm0dczvj7
txid     e6805cb95d3e980102e361e6e25bbaf0cee0ae443b4f0f14a809c8dcad38c7b5
out 0    OP_RETURN 43534700 "CSG\0" "Verifying that I control the
         following Nostr public key: npub1v2zl…d23d95"
out 1    0.01422352 BCH → back to its own address · 322 bytes
```

The Vision for Countersign

- Now that a name can be paid, every place that shows a name can show a pay button
  - Tips, creator payouts, shop checkouts
  - Receipts that build a public payment history
- Next priority -> “send to a Nostr name” inside BCH wallets
- Free code; hosted checks and integrations are the business
- Target: every BCH wallet pays Nostr names by 2027




THA YOU!