SuiSend

Offline-first NFC crypto wallet for the real world

By: sr18z

Secure, tap-to-send payments powered by the Sui blockchain 🔒💳📲✨

The Problem

Crypto adoption is limited by:

🚀 Internet dependency for wallets and payments

🚀 Inaccessible UX for non-technical users

🚀 Risk of coin reuse and stale transactions in offline contexts

Who's Affected

🚀 **Emerging markets** with poor connectivity

🚀 **Crypto event organizers** needing instant physical wallets

🚀 **NGOs and aid distribution** in disconnected zones

🚀 **Everyday users** seeking cold, secure, fast crypto transfers

Why Now

🚀 NFC adoption in mobile hardware is near-universal

🚀 Sui blockchain enables fast, object-based coin handling

🚀 Growing need for Web3 usability in real-world contexts

🚀 Increasing support for modular, offline-first apps

Our Solution

SuiSend = A mobile wallet + NFC card system

🚀 NFC card stores keys + coin objects
🚀 Mobile app signs & tracks transactions offline
🚀 Smart contract verifies & syncs when back online
🚀 Ensures secure, one-time-use coin transfer

How It Works

🚀 Tap NFC card → App reads wallet + coin state

🚀 App signs transaction locally

🚀 Stores tx with TTL, locks, version info

🚀 When online, dry-runs → submits to Sui

🚀 If invalid, regenerates tx or notifies user

Who It's For

🚀 Web3 users in low-connectivity zones

🚀 Web3 fintech apps & cold wallet providers

🚀 Crypto hardware wallet startups

🚀 Institutions distributing micro-funds

Market Potential

🚀 3B+ mobile users with NFC-enabled devices

🚀 $1B+ hardware wallet market by 2027

🚀 400M+ crypto wallet users globally

🚀 Untapped use case for NFC crypto micro-payments

Why It's Unique

🚀 True offline-first support

🚀 Object versioning + TTL prevents double-spending

🚀 Integrated with Sui's object model

🚀 Secure + simple UX: Tap. Sign. Sync

Traction

🚀 **MVP functional:** React Native app + NFC card interaction

🚀 **CardRegistry** smart contract deployed on Sui Testnet

🚀 **Successful test:** offline signed tx synced to chain

🚀 **Integration** with Pyth & Wormhole underway

Growth & Monetization

🚀 **Freemium model:** Basic wallet free, Pro with sync/logging features

🚀 **B2B** partnerships with aid orgs, event firms, wallet providers

🚀 **Branded** NFC cards + revenue share

🚀 **Future:** in-app token swap, prepaid card issuance

The Team

🚀 **Neo:** Solution Architect | CyberSecurity & Data Science

🚀 **Sr:** Fullstack + AI Engineer, Blockchain Developer

🚀 🌐 swastikram.com | navinder.tech

The Ask

We're seeking:

🚀 **Grants or hackathon funding** to continue development
🚀 **Partnerships** for pilot deployments (wallets, events, NGOs)
🚀 **Mentorship** around Move smart contracts and security audits

🌐 SuiSend.io (coming soon)