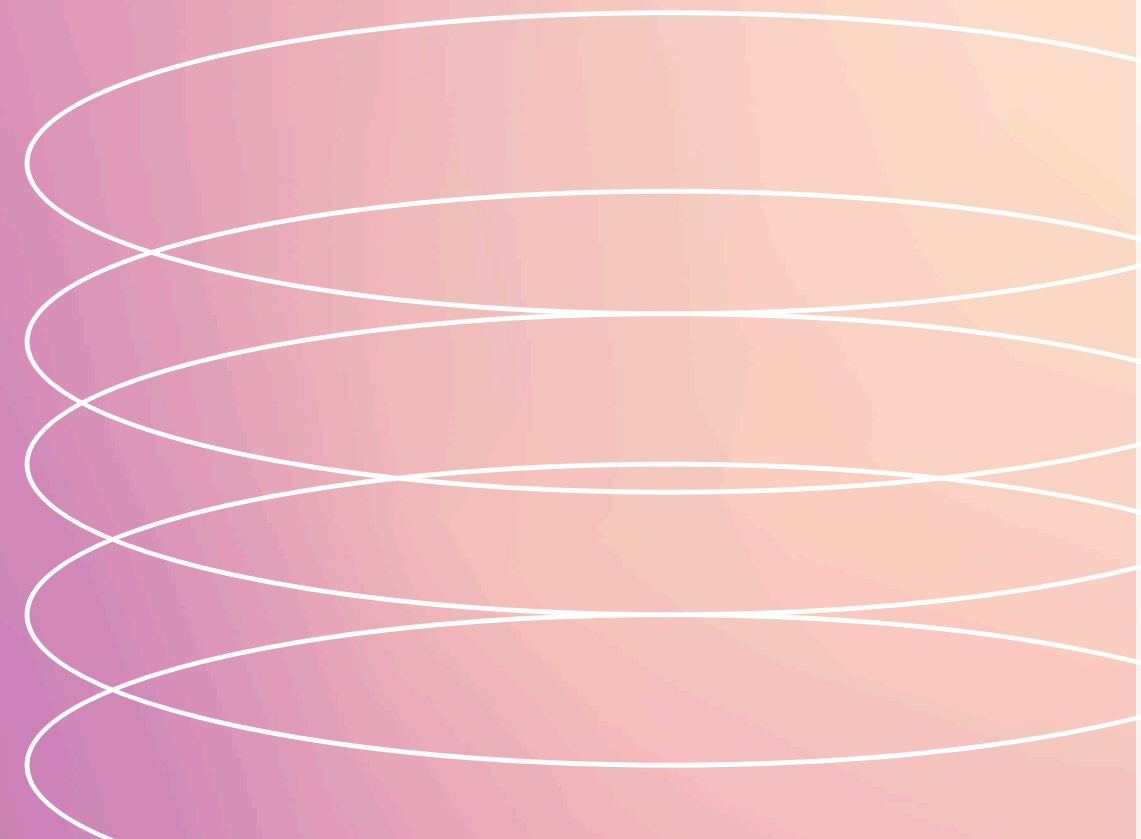


Stellar Chef Stellar Certifier Web3 Passkey Token

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STELLAR CHEF

StellarChef is a decentralized recipe and meal planning platform that integrates Web3 technologies, AI, and passkey authentication to provide a secure, personalized cooking experience.



Tech Stack:

- Frontend: HTML, CSS, JavaScript
- Backend: .NET MVC
- Authentication: WebAuthn (Passkey)
- Blockchain: Stellar + Soroban Smart Contracts
- Wallet: Freightier (Testnet Integration)



Why StellarChef?

We believe food should be accessible, intelligent, and secure. By combining AI and decentralized technologies, we ensure that users enjoy not only great meals but also full ownership and privacy.

Stellar Certifier

Problems:

1. Traditional Certificates: Prone to forgery, hard to verify.
2. Web3 Authentication: Passwords are insecure; poor UX.
3. Our Solution:
 - Blockchain-based certificates (Stellar) + Passwordless login (Passkey).

Technology Stack

- Frontend

- REACT.JS + TAILWIND CSS (STELLAR CERTS)
- WEBAUTHN API (PASKEY)

- Backend

- NODE.JS + STELLAR SDK (MINT/VERIFY)
- FIDO2 SERVER (PASKEY AUTH)

- Blockchain

- STELLAR/SOROBAN: LOW-COST CERTIFICATES.
- ETHEREUM: ACCESS CONTROL VIA SMART CONTRACTS.

Benefits:

Unhackable: Biometrics + blockchain immutability.

User-Friendly: 1-click access; no memorization.

Scalable: Stellar's \$0.001 transactions.

Use Cases:

Universities (tamper-proof diplomas).

DAOs (secure membership).

Web3 Passkey Tokens: The Future of Passwordless Authentication

Problems:

- 🔑 Traditional wallet logins: Seed phrase risks, poor UX
- 🔒 Centralized auth: Data breaches, phishing attacks

Our Solution:

- ✅ Passkey + Token-based authentication
- ✅ 1-tap biometric login + Smart contract access control

1.

User signs in via
biometrics
(Passkey)

2.

Wallet auto-
connects (mints
session token)

User Flow

3.

Token balance
unlocks premium
features

4.

Token balance
unlocks premium
features

Why It Matters?

A convenient, fuss-free approach to online learning is just what kids, teachers, and parents need in the new normal.

KEY ADVANTAGES: SECURITY MEETS SIMPLICITY

- ✓ **Security:** Replaces seed phrases with biometrics
- ✓ **UX:** 1-tap login (faster than 2FA)
- ✓ **Compatibility:** All FIDO2 devices (iOS/Android/Windows)
- ✓ **Token Utility:** Governance, staking, premium access

USE CASES

- DeFi protocols
- Gaming assets
- DAO memberships



THANK YOU :)