

TruDelník

Taste the thrill of verifiable chance

Sweet stakes, zero fakes. Every bet is baked with blockchain-verified randomness, so the only thing cooked is the pastry vibe—never the odds.

Who we are

Luca Franzesi
Gas fee waster



Ivan Sala Junior Vibe Coder

The king is just a friend passing by ©

What we built

A multi-chain web3 first gambling game backed by true verifiable randomness



1.Choose difficulty (Easy, Medium, Hard, Hardcore) This will change the number of levels that you can play

The rewards will change:

Easy with 24 steps starting at 1.02x and a max win of 24.50x.

Medium with 22 steps starting at 1.11x and a max win of 2,254x.

Hard with 20 steps starting at 1.22x and a max win of 52,067.39x

Hardcore with 15 steps starting at 1.63x and a max win of 3,203,384.80x.

Playing will give you merits and you will be able to choose difficulty on the base of the blockscout merits that you own



Stake ETH or BERA, depending on the network you want to play on and start at step 0.

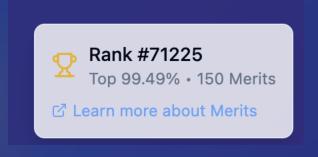


- For each step
 - Contract requests randomness (sync or async)
 - Success → step +1, multiplier grows exponentially
 - **Fail** → entire stake lost, game ends
- •Cash-out anytime to claim stake × current multiplier
- •Contract emits GameEnded(cid) → AKAVE log saved
- •For each game the user get 1 merit









Audit data saved via Akave

See your Rank w/ Merits while gaining them playing

Slide 1 — TruDelník Game · Key Features

- •Provably fair: on-chain randomness (Flare = sync, Pyth = async) fully auditable
- •Stake → Climb → Cash-out: exponential multipliers; quit anytime or lose everything
- •Merit system: 1 Merit per game, leaderboard, higher tiers gated by Merit thresholds
- •Multi-chain: live on Flare (Coston2); Berachain integration in testing
- •Radical transparency: every game log stored on Akave; tx hashes and seeds public

Slide 2 — Tech Stack

- •Smart contracts: Solidity 0.8.25, OpenZeppelin, Hardhat + Foundry fuzzing
- •Randomness: Flare RandomNumberV2Interface (instant) · Pyth Entropy (callback)
- •Frontend: React 18, Vite, Tailwind, Zustand state, Framer Motion for animations
- •Wallet & chains: ethers.js, wagmi, MetaMask auto-switch
- •Blockscout SDK: real-time tx toasts, Merit balances, explorer deep-links
- •Storage: Protocol Labs Akave (JSON play logs pinned via CID)
- •CI/CD: GitHub Actions deploy, Netlify previews on every PR

Let's Play

trudelnik.netlify.app