Glob

A Verifiable Blob Storage Layer for Modular Blockchains

Glob makes it easy for dApps and rollups to write structured, verifiable data directly to Celestia.

Decentralized | Powered By | Verifiable

The Problem

Data storage in Web3 is expensive, slow, and unreliable.

Traditional blockchains like Ethereum and Solana are not optimized for large-scale data writes.

Writing blob or structured data on-chain leads to high gas fees, latency, and scalability limits.

dApp developers lack a reliable, verifiable, censorship-resistant data layer.

Centralized options (like AWS or IPFS gateways) sacrifice trust and decentralization.

The Solution: Glob

A Verifiable Blob Storage Layer for the Modular Web.

Write directly to Celestia's Blobspace — cheap, scalable, and decentralized.

Trie-indexed blobs allow fast lookup and structured writes.

SDK-first approach: designed for dApps, rollups, and on-chain protocols.

GlobNode network enables permissionless, gRPC-based writes with full auditability.

Censorship Resistant

Glob operates on a decentralized peer-to-peer network with no central authority. Blobs are stored and served by a distributed set of globally operating nodes, making censorship nearly impossible.

Fast, Scalable & Incredibly Affordable

From development to production in seconds. Writes cost less than $0.001 while reads are always free. Glob is designed for extreme scalability, low-latency writes, and seamless performance at any scale.

Secured by Celestia's DA Layer

Glob leverages Celestia's modular data availability layer to guarantee your data is stored verifiably, securely, and scalably — without reimplementing consensus or trust assumptions.

Real World Examples

Match Results & Inventory Snapshots
Glob powers tamper-proof multiplayer results, user inventory states, and rollback-compatible metadata—ideal for competitive Web3 games and PvP logic.

Prompt Logs & Inference Metrics
Archive AI prompts, model responses, training metrics, and evaluation logs with Glob for full transparency, public auditability, and community-powered reproducibility.

Posts, Replies, Likes, and Threads
Ensuring that user content remains censorship-resistant, permanent, and publicly accessible even if the frontend goes offline.

RPC Logs & Geo-Censorship Reports
Record usage logs, access latency, and geo-based censorship reports via Glob to build open infrastructure with public accountability baked in.

dApp Profiles

Proposal Metadata & Forum Syncing
Store rich governance data such as proposal descriptions, community discussions, and user threads on Glob to ensure decentralized transparency and censorship resistance.

Airdrop, Claim & LP Metadata Logs
Use Glob to store off-chain context like snapshot data, airdrop claim records, and liquidity pool events—accessible trustlessly from the frontend and verifiable by users.

Let's build the blob future together.

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Contact us at team@useglob.io