

VaporDrive

Core Philosophy: "Purely Local, Truly Temporary"

Unlike traditional cloud drives, VaporDrive never sends your data to a server. It exists entirely within your browser's memory. This makes it the perfect tool for handling sensitive documents, temporary assets, or quick file transfers in environments where you don't want to log in or sync to the cloud.

Key Features

Ephemeral Persistence:

Refresh-Safe: Unlike standard memory, VaporDrive uses sessionStorage, meaning you can refresh the page or lose your connection without losing your files.

Auto-Wipe: The moment you close the browser tab, the entire drive is cryptographically unreachable and wiped by the browser.

Real-Time Storage Monitor:

A dynamic, color-coded status bar tracks your usage against the browser's 5-10MB limit (usually 5mb).

It provides instant feedback on how much space is remaining, preventing failed uploads.

Multi-Mode Interface:

Dark Mode: A sleek, "mission control" aesthetic for focused work.

Light Mode: A clean, high-contrast professional look for bright environments.

Smart File Management:

VaporDrive

Drag-and-Drop: Simply drop files anywhere on the interface to "vaporize" them into your local drive.

Type-Aware Icons: Automatically identifies and categorizes Images, Videos, Audio, and Documents with unique visual markers.

Instant Search: A lightning-fast filter to find specific files as your session drive grows.

Technical Stack

Framework: React 19 with TypeScript for robust, type-safe operations.

Styling: Tailwind CSS for a modern, responsive, and fluid UI.

Animations: motion for smooth layout transitions and interactive feedback.

Icons: Lucide-React for a consistent and crisp visual language.

Storage Engine: Native sessionStorage API with Base64 encoding for binary-to-string persistence.

Privacy & Security

VaporDrive is built on a Zero-Knowledge architecture.

No API Keys: No external services are called.

No Tracking: No analytics or telemetry.

No Cloud: Your files never leave your machine.

Tab Isolation: Files uploaded in one tab are not accessible from another, providing a "sandbox" for every session.

VaporDrive by Snake Arcade — Your data, your browser, your session. Gone when you are.