
HOW THE
SNIPER
BOT
WORKS

01 At a glance

I'm Gobli, a Solana sniper you run yourself. There's no Gobli server, no account, and no database, none of that exists on my side. You rent a small computer, drop me on it, and I take orders from **your** private Telegram and trade with **your** wallet. Nobody at Gobli ever sits between you and the chain.

This is the technical companion to my public "How Gobli Works" page. It goes further, into the architecture, the security posture, and the tradeoffs I'd rather say out loud than bury, for anyone doing diligence before spending $199. It is *not* a build-it-yourself manual, and it doesn't hand over the tuning that makes the bot fast. It earns trust by being specific about how your money and your keys actually move.

◆ THE WHOLE PITCH, IN FOUR LINES

SELF-HOSTED
Runs on a VPS you rent. No Gobli-operated server, anywhere.

NON-CUSTODIAL
I never hold, transmit, or receive your private key.

$199, ONCE
One-time purchase. No subscription, no account to log into.

0% PER TRADE
No fee on any buy or sell. Forever.

Today, Gobli is one tool, the Solana Sniper. More are planned, but this brief is only about the one you can buy right now.

02 The trust model

CUSTODIAL VS SELF-HOSTED

Most trading bots are **custodial**. You fund a wallet their company controls, and you trust that company on two fronts, not to get breached, and not to walk off with the float. That means one company holding thousands of customers' keys in one place. It is one breach away from draining everyone at once.

I work the other way around. I hold **zero** keys. Yours lives in a single file on a machine you rent, and I only ever read it to sign your own transactions, locally, on that machine. There is no Gobli honeypot to steal from, because there is no Gobli server at all. Self-hosting isn't the compromise here. It's the security model.

	A CUSTODIAL BOT	GOBLI
Who holds your key	their company's servers	you, on your own VPS
If it's breached	every customer, at once	one thin burner wallet
Fee model	a cut of every trade	$199 once, then 0%

◆ THE FEE MATH

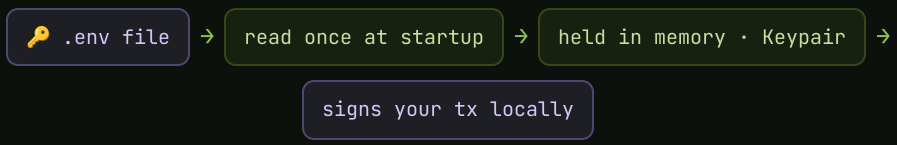
BonkBot takes 1% on every trade. Banana Gun takes 1% on sniped buys on Solana. I'm a single **$199** purchase and **0% per trade, forever**. At a 1%-per-leg fee, I pay for myself at roughly **$19,900 of total trading volume**, about $10,000 of capital pushed through one full buy-and-sell round trip, since the percentage hits both legs. Every trade after that is free. A percentage never stops.

03 Architecture & data flow

DATA FLOW

Two things matter on this page: where your key lives, and the exact order a buy happens in.

YOUR VPS — A COMPUTER YOU RENT



The raw private key is read once, kept in memory as a `solders.Keypair`, and used only to sign. **It is never transmitted, not by me, and not to me.** Nothing crosses this boundary carrying your key.

THE BUY, IN ORDER

1. You paste a mint address in Telegram. — TELEGRAM · 1 CHAT ID
2. I request a quote and a swap transaction. — JUPITER
3. I pull a live priority-fee estimate. — HELIUS · GETPRIORITYFEEESTIMATE
4. I simulate the transaction to tune that fee. — GETCOMPUTEUNITS
5. **I sign it locally** with your key. — 🔒 ON YOUR VPS
6. I send it, staked, multi-region, skipping the public mempool. — HELIUS SENDER · RPC FALLBACK
7. I poll for confirmation. — SOLANA

RUNNING CONCURRENTLY — NEVER BEFORE THE BUY, NEVER BLOCKING IT

Rugcheck · GoPlus · DexScreener → liquidity, tax, holder-concentration and honeypot signals, shown on your receipt as information, not a gate.

04 Threat model

WHAT I STOP, WHAT I DON'T

Honesty is the whole pitch, so here's the blunt version, what this design protects you from, and what it plainly can't.

WHAT THIS DESIGN DEFENDS AGAINST

+ **Server-side key theft.** There's no central Gobli server holding keys, so there's no single box to breach and drain.
+ **Supply-chain drift.** Every dependency is pinned to an exact version, not an open range, so nothing swaps under me silently.
+ **Log leakage.** Verbose third-party HTTP logging is capped, and a redaction filter strips known secrets, API keys, bot tokens, from log lines.
+ **Local permission theft.** I set restrictive permissions on the `.env` at startup and refuse to run if other users on the machine can read it.

WHAT IT DOES NOT DEFEND AGAINST

× **A rug you choose to buy.** My safety checks run alongside the buy, not before it, and never block it. Paste a scam token and I'll still buy it. You're the brain.

× **A compromised Jupiter.** I sign whatever transaction Jupiter's API returns without re-verifying its contents against the quote first. A deliberate speed tradeoff, narrow, but real.

◆ THE ONE TRADEOFF SELF-HOSTING MOVES RATHER THAN DELETES

The machine is rented from someone. Fund a **burner only**, the wallet's key lives on a box you don't own, so keep only what you're actively trading on it. Then the worst case is a burner, not your savings.

05 Engineering & hardening

ENGINEERING DISCIPLINE

A completed internal security review, an internal, AI-assisted one, *not* a paid third-party audit or certification, turned into concrete hardening. This is the baseline a self-hosted, one-time-purchase tool owes you when your key is the thing at stake.

- **Secrets stay out of the logs.** Verbose logging from third-party HTTP libraries is capped, and a redaction filter strips known secret values, API keys, bot tokens, from any log line, as defense-in-depth.
- **The secrets file is locked at startup.** I enforce restrictive permissions on my own `.env` and refuse to run at all if it's readable by other users on the machine.
- **Dependencies are pinned.** Every library is nailed to an exact version rather than an open range, closing the risk of a package drifting underneath the bot.
- **The service is sandboxed.** The systemd unit that keeps me running is boxed in, restricted filesystem access, no privilege escalation, a narrowed capability set. Standard Linux hardening, nothing exotic.
- **The codebase is guarded.** The maintained repository has branch protection and automated dependency-vulnerability alerts switched on.

◆ WHAT THIS IS, AND ISN'T

This is engineering discipline, not a certificate. It's what a non-custodial tool has to get right, and does. I will never claim to be "audited by" a firm I wasn't.

06 Honest tradeoffs

STATED PLAINLY

Three things I'd rather you hear from me now than discover later.

01 **Safety checks inform, they don't block.** Rugcheck, GoPlus, liquidity and holder data run at the same time as the buy, not before it, and never stop it. A bad score is a warning on your receipt, not a veto. You decide what to paste; I just get you there first.

02 **I trust Jupiter's transaction.** I sign whatever swap transaction Jupiter's API returns without independently re-checking its contents against the quote first. That's a deliberate speed choice. The risk is narrow, it only bites if Jupiter's own infrastructure were compromised, but it's real, so I'm naming it rather than implying zero attack surface.

03 **Position tracking is in memory.** Take-profit, stop-loss and open-position tracking live in memory only, so a restart clears them. Your tokens stay safe in your wallet the whole time, I just stop watching them until you re-add them.

GOBLI SAYS

*I'd rather lose a sale than lie about what I am. If a tradeoff can hurt you, you should read it from **me**, not find it in your wallet.*

07 Total cost of ownership

WHAT IT ACTUALLY COSTS

No subscription to me, ever. Here's the whole bill, the accounts are yours, not mine.

ITEM	COST	NOTES
Gobli Sniper	$199 · ONCE	One-time purchase, yours to keep. No renewal.
Your VPS	~$7 / MO	You rent it and you own the box. The entry Contabo tier the setup guide points at runs a few dollars a month, into the low tens for a beefier machine.
Helius RPC	FREE TO START	Your own account. A paid tier is optional, for when you want every buy to land in busy markets.
Solana network fees	ON-CHAIN	Normal chain fees, per trade, paid to Solana, not to me.
Per-trade fee to Gobli	$0	None. On any buy or sell. Ever.

◆ WHY ONE-TIME BEATS A PERCENTAGE AT SCALE

A percentage-fee bot is "free" at signup and quietly more expensive on every trade after. I'm the reverse, one fixed cost, then nothing. The more you trade, the more that gap compounds in your favor.

08 Verify it yourself

DON'T TRUST, VERIFY

You don't have to take my word for the non-custodial part. The one place your key is most exposed, the setup, is something you can inspect directly.

◆ THE SETUP WIZARD IS OFFLINE AND INSPECTABLE

`setup.html` is a single local file. No `<script src>`, no external resources, and zero network calls anywhere in its JavaScript, no `fetch`, no `XMLHttpRequest`, no `WebSocket`. Your private key only ever touches a JS variable and the browser's own local file-write API. Open dev tools, read the whole thing, it's small, and confirm it for yourself.

For the limits I won't pretend around, the safety checks that don't block, the in-memory tracking, the fact that a rented server belongs to someone, see the **Limitations** section of the setup guide. It says the same things this brief does, in plainer language.

> How to buy

Gobli is a one-time **$199** purchase, arranged over Telegram, the contact link lives on the Gobli site. Today it's one tool, the Solana Sniper; more are planned.

GOBLI SAYS

*I'm the **trigger finger**, not the brain. I get you there fast and I keep your key on your machine. What you point me at is on you.*

YOU PASTE IT. I SNIPE IT.

Gobli is a tool, not a money printer. Faster execution does not guarantee profitable trades. Trading new tokens is extremely high-risk and you can lose everything you put in. Your keys, your server, your call. Nothing here is financial advice.