

The Vertical Republic — Infrastructure Overview

Project: Paygated Blog Post | Generated: February 21, 2026

Services & Accounts

Service	Role	Account	Free Tier
GitHub Pages	Static frontend hosting	danielgolliher	Unlimited
Cloudflare Workers	Backend API	danielgolliher@gmail.com	100k req/day
Stripe	Payment processing	danielgolliher@gmail.com	No monthly fee; 2.9% + 30¢/txn
Resend	Magic link emails	(your Resend account)	3k emails/month

Live URLs

Component	URL
Frontend	<code>https://danielgolliher.github.io/paygated-post</code>
Backend API	<code>https://paygated-post-api.danielgolliher.workers.dev</code>
Frontend repo (public)	<code>https://github.com/danielgolliher/paygated-post</code>
Worker repo (private)	<code>https://github.com/danielgolliher/paygated-post-worker</code>

Secrets & Keys

Key	Stored In	Mode
Stripe Publishable Key (<code>pk_test_...</code>)	<code>wrangler.toml</code> env var	Test
Stripe Secret Key (<code>sk_test_...</code>)	Cloudflare Worker secret	Test
Resend API Key (<code>re_...</code>)	Cloudflare Worker secret	Send-only

Secrets are not in source code. Manage via: `wrangler secret put SECRET_NAME`

Stripe Product

- **Product ID:** `prod_U10Zm5KQkdzDmR`
- **Price ID:** `price_1T3LmWFwJL4H85VAHLlw4xdD` (\$1.00 one-time)
- **Mode:** Test (use card `4242 4242 4242 4242`)

Payment & Access Flow

1. User clicks "Unlock" → frontend POSTs to `/create-checkout-session`

2. Worker creates Stripe Checkout Session → returns URL → browser redirects to Stripe

3. User pays \$1 → Stripe redirects to `post.html?session_id=xxx`

4. Frontend calls `/verify` → worker checks Stripe → returns essay HTML + signed HMAC token

5. Token stored in `localStorage` → instant access on repeat visits via `/verify-token`

6. Lost access? → "Already purchased?" → enter email → magic link via Resend → re-grants access

API Endpoints (Cloudflare Worker)

Method	Path	Purpose
POST	<code>/create-checkout-session</code>	Creates Stripe Checkout, returns URL
GET	<code>/verify?session_id=</code>	Verifies payment, returns essay + token
GET	<code>/verify-token?token=</code>	Validates stored token, returns essay
POST	<code>/resend-magic-link</code>	Looks up email in Stripe, sends magic link
GET	<code>/magic?token=</code>	Magic link landing, redirects to frontend

Local File Paths

- **Frontend:** `/Users/danielgolliher/Development/paygated-post/`
- **Worker:** `/Users/danielgolliher/Development/paygated-post-worker/`
- **Deploy worker:** `cd paygated-post-worker && wrangler deploy`
- **Frontend auto-deploys** on push to `master` via GitHub Pages