

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

Secrets & Keys

Key	Stored In	Mode
Stripe Publishable Key (pk_test_...)	wrangler.toml env var	Test
Stripe Secret Key (sk_test_...)	Cloudflare Worker secret	Test
Resend API Key (re_...)	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_1T3LmWFwJL4H85VAHLlw4xD (\$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	/create-checkout-session	Creates Stripe Checkout, returns URL
GET	/verify?session_id=	Verifies payment, returns essay + token
GET	/verify-token?token=	Validates stored token, returns essay
POST	/resend-magic-link	Looks up email in Stripe, sends magic link
GET	/magic?token=	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