Build and Deployment

Cloudflare Pages project settings

Setting	Value
Source	GitHub `pmgasset/fortadamswebsite`, production branch `main`
Framework preset	None / Next.js (Static HTML Export)
Build command	`npm run build`
Build output directory	`out`
Node version	20+ (set `NODE_VERSION` if the default is older)
Functions	Auto-detected from the root `functions/` directory

- **Production deploys:** every push to `main`, including every Decap publish.
- **Preview deploys:** every other branch and PR gets a unique `*.pages.dev` URL. Preview uses the *Preview* environment's variables. Set the `GHL_*` secrets there too, ideally pointing at a test pipeline.

Environment variables

Configure them under **Workers & Pages → project → Settings → Variables and Secrets**. `NEXT_PUBLIC_*` values are compiled into the JavaScript bundle, so **changing one requires a redeploy**. The `GHL_*` secrets are read by the Function at request time. Full list: *Reference → Environment Variables*.

Deploying

- **Normal:** merge or push to `main`, then watch *Deployments*.
- **Rebuild without code changes** (for example, to drop past events or pick up a changed env var): *Deployments → latest production deployment → ⋯ → Retry deployment*.

- **Roll back:** *Deployments → a previous successful deployment → ⋯ → Rollback to this deployment*. This is instant. Remember that the next push to `main` deploys the current `main` again, so also revert the bad commit.

Scheduled rebuilds (recommended)

Because "upcoming" events are computed at build time, schedule a daily rebuild:

1. **Pages → Settings → Builds → Deploy hooks**: create a hook for `main` and copy its URL. Treat it as a secret.
2. Call it daily just after midnight Eastern, from a Cloudflare Worker Cron Trigger (`curl -X POST <hook>`) or a GitHub Actions `schedule` workflow.

This hasn't been set up yet; it's tracked in *Known Issues and Open Items*.

Redirects and headers

- `public/_redirects` is copied to `out/_redirects` and applied by Pages. It currently has one rule (`/preservation/restoration-projects/` → `/history/#restoration-projects`, 301) plus commented, **guessed** examples. Populate it from a crawl of the old WordPress site before DNS cutover.
- There's no `_headers` file. Security headers (CSP, HSTS, etc.) aren't configured at the Pages level. If you add a CSP, allow `fareharbor.com`, `cdn.r2.fortadams.org`, `crm.fortadams.org`, the HighLevel webhook hosts, `www.google.com` (map iframe), and `unpkg.com` (for `/admin` only).

Domains

The production canonical URL is `siteConfig.url` (`https://www.fortadams.org`), used for `metadataBase`, the sitemap, and robots. Attach both apex and `www` under **Pages → Custom domains** and redirect one to the other. Confirm the final domain before launch; it's still marked `[PLACEHOLDER]`.

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