

GitHub to Cloudflare Pages Pipeline - Auto-Deploy Setup

What We Built

A continuous deployment pipeline: push code to GitHub, Cloudflare Pages automatically deploys it to the edge. No manual deploy commands needed.

Edit code (any computer) → git push → GitHub → Cloudflare Pages auto-deploys → Live on saltwaterbrc.com

Why This Matters

- **Any computer**: Clone the repo on personal or work machine, make changes, push, site updates
- **No manual deploys**: Cloudflare Pages watches your GitHub repo and deploys on every push to `main`
- **Version history**: Every change is tracked in Git, every deploy is tracked in Cloudflare Pages
- **Rollback**: If something breaks, roll back to a previous deploy in the Cloudflare dashboard with one click

The Two-Repo Setup

Repo	Purpose	URL
`personal-os`	Personal OS (CLAUDE.md, goals, schedule, portfolio)	github.com/saltwaterbrc/personal-os
`saltwaterbrc-site`	Website code (HTML/CSS/JS)	github.com/saltwaterbrc/saltwaterbrc-site

These are separate on purpose. Your Personal OS files don't belong in your website repo.

How to Update Your Site (From Any Machine)

```
git clone https://github.com/saltwaterbrc/saltwaterbrc-site.git cd saltwaterbrc-site
```

```
git add -A && git commit -m "Description of changes" && git push
```

That's it. Cloudflare Pages picks up the push and auto-deploys within seconds.

What Happened Under the Hood

1. Created a GitHub repo (saltwaterbrc-site) with the site code 2. Created a Cloudflare Pages project (saltwaterbrc) 3. Connected Pages to the GitHub repo — Pages watches the main branch 4. On every push to main, Pages pulls the code and deploys to the edge 5. Custom domain (saltwaterbrc.com) routes to the Pages project

Cloudflare Pages Project Settings

- **Project name**: saltwaterbrc
- **Connected repo**: saltwaterbrc-site
- **Branch**: main
- **Build command**: (none — static HTML, no build step)
- **Deploy command**: `npx wrangler pages deploy . --project-name=saltwaterbrc`
- **Build output directory**: `/`

Previous Setup (What We Changed)

The Pages project was originally connected to the personal-os repo by mistake. Every push of Personal OS files (CLAUDE.md, projects, QBR notes) triggered a deployment of markdown files as a "website" — which showed "nothing to see here."

The Sales Version

"My site auto-deploys from GitHub to Cloudflare Pages. I push code, and within seconds it's live on 300+ edge locations globally. No CI/CD server to manage, no build infrastructure, no hosting costs. Cloudflare handles the entire pipeline — from Git push to global deployment."