

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
<code>`personal-os`</code>	Personal OS (CLAUDE.md, goals, schedule, portfolio)	github.com/saltwaterbrc/personal-os
<code>`saltwaterbrc-site`</code>	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."