Cloudflare Pages Deployment Checklist

Joni Woods Next.js Site

Date: October 3, 2025
Repository: `https://github.com/JoniWoods/joniwoods-transformation`

✅ Visual Updates Complete

The following visual changes have been successfully implemented and tested:

1. ✅ Banner spacing reduced to zero below the banner
2. ✅ Hero section aligned to top (`items-start` instead of `items-center`)
3. ✅ Hero top padding reduced to 6px (desktop) and 8px (large screens)
4. ✅ All changes tested and working correctly

🔧 Required Cloudflare Configuration Steps

STEP 1: Clean Up Repository Files

Files to DELETE via GitHub:

1. `/static-html-site/` (entire folder)
   - This is an old abandoned HTML site
   - Navigate to the folder in GitHub
   - Delete the entire directory

2. `/app/prisma/` (folder inside app directory)
   - Not being used in the current implementation
   - Navigate to `app/prisma` in GitHub
   - Delete the entire directory

How to delete via GitHub web interface:
- Go to `https://github.com/JoniWoods/joniwoods-transformation`
- Navigate to each folder
- Click the folder name
- Click "…" (three dots) → "Delete directory"
- Commit with message: "Remove unused files for Cloudflare deployment"

STEP 2: Update next.config.js

File: `/app/next.config.js`

Current Line 6:

```
output: process.env.NEXT_OUTPUT_MODE,
```

Change to:

```
output: 'export',  // Force static export for Cloudflare Pages
```

Complete updated file should look like:

```js
const path = require('path');

/** @type {import('next').NextConfig} */
const nextConfig = {
  distDir: process.env.NEXT_DIST_DIR || '.next',
  output: 'export',  // Force static export for Cloudflare Pages
  experimental: {
    outputFileTracingRoot: path.join(__dirname, '../'),
  },
  eslint: {
    ignoreDuringBuilds: true,
  },
  typescript: {
    ignoreBuildErrors: false,
  },
  images: { unoptimized: true },
};

module.exports = nextConfig;
```

How to update:

1. Go to GitHub: `https://github.com/JoniWoods/joniwoods-transformation`
2. Navigate to `app/next.config.js`
3. Click the pencil icon (Edit this file)
4. Change line 6 as shown above
5. Commit changes: "Configure Next.js for static export"

STEP 3: Configure Cloudflare Pages Build Settings

Navigate to:
Cloudflare Dashboard → Pages → joniwoods-transformation → Settings → Builds & deployments

Set these EXACT values:

Setting	Value
Framework preset	`Next.js (Static HTML Export)`
Build command	`cd app && npm install && npm run build`
Build output directory	`app/out`
Root directory	(leave blank)
Node version	`18` or higher

Important Notes:
- The build command includes `cd app &&` because the Next.js project is in the `/app` subdirectory
- The output directory is `app/out` (not just `out`) for the same reason

STEP 4: Set Environment Variables

Navigate to:
Cloudflare Dashboard → Pages → joniwoods-transformation → Settings → Environment variables

Add these variables for Production:

1. **NODE_VERSION**
   - Value: `18`
   - Click "Add variable"

2. **NEXT_DIST_DIR** (optional)
   - Value: `.next`
   - This ensures consistent build directory

STEP 5: Trigger Deployment

Option A: Automatic (Recommended)
1. After pushing your changes to GitHub (Steps 1-2)
2. Cloudflare will automatically detect the changes
3. A new deployment will start automatically
4. Wait 3-5 minutes for completion

Option B: Manual Redeploy
1. Go to: Pages → joniwoods-transformation → Deployments
2. Click "Retry deployment" on the latest build
3. Or click "Create deployment" for a fresh build

STEP 6: Verify Deployment

Check that the main site loads:
- URL: `https://joniwoods-transformation.pages.dev/`

- Should show: Joni Woods homepage with book banner at top
- Hero section aligned to top with tight spacing
- All navigation links working
- Images loading correctly

Check build logs if issues occur:
- Go to Deployments tab
- Click on the deployment
- View "Build log" for any errors

🐛 Common Issues & Solutions

Issue: Build fails with "Cannot find module"

Solution:
- Check that build command includes `npm install`
- Verify all dependencies are in package.json
- Current command: `cd app && npm install && npm run build`

Issue: 404 error on deployed site

Solution:
- Verify build output directory is set to `app/out`
- Check that `output: 'export'` is in next.config.js
- Look for errors in build log about static export

Issue: Images not loading

Solution:
- Already configured with `images: { unoptimized: true }`
- If still issues, check that images are in `app/public/images/`
- Verify image paths start with `/images/` not `./images/`

Issue: Styles not loading

Solution:
- Tailwind CSS should compile during build
- Check build logs for PostCSS errors
- Verify `postcss.config.js` exists in app directory

📋 Deployment Checklist

Before clicking Deploy:

- [ ] Deleted `/static-html-site/` folder from repository
- [ ] Deleted `/app/prisma/` folder from repository
- [ ] Updated `app/next.config.js` with `output: 'export'`
- [ ] Set Cloudflare Framework preset to "Next.js (Static HTML Export)"
- [ ] Set Build command to `cd app && npm install && npm run build`
- [ ] Set Build output directory to `app/out`

- [ ] Added NODE_VERSION=18 environment variable
- [ ] Committed all changes to GitHub main branch
- [ ] Triggered deployment (automatic or manual)
- [ ] Waited for build to complete (3-5 minutes)
- [ ] Verified site loads at `*.pages.dev` URL
- [ ] Tested navigation and all sections
- [ ] Verified images load correctly
- [ ] Checked hero alignment and banner spacing

🎉 Expected Result

After completing all steps:

✅ Main site deploys successfully to Cloudflare Pages
✅ Book banner displays full width at top
✅ Hero section aligned to top with minimal spacing
✅ All images optimized and loading
✅ Navigation working correctly
✅ Mobile responsive design intact
✅ Fast global CDN delivery
✅ Total cost: $0 (Cloudflare free tier)

📞 Support

If you encounter issues:

1. **Check Build Logs:** Cloudflare Dashboard → Pages → Deployments → View build log
2. **Check Error Messages:** Look for specific error codes or module names
3. **Verify Changes:** Ensure all steps 1-4 are completed exactly as written
4. **GitHub Sync:** Confirm all commits are pushed to main branch

Current Site Status:
- ✅ Local preview working: `https://60b614c1e.preview.abacusai.app/`
- ✅ All tests passing
- ✅ Ready for Cloudflare deployment

📝 Notes

- The Next.js project lives in the `/app` subdirectory, which is why all paths include `app/`
- Static export means no server-side rendering (SSR) - everything pre-rendered at build time
- Cloudflare Pages serves the static files from the `out` directory
- The site will be globally distributed across Cloudflare's CDN for fast loading

Last Updated: October 3, 2025
Project Status: Ready for Cloudflare Deployment
Next Step: Implement Steps 1-6 above