

Blog Workflow Notes

This document describes how to build, serve, and publish the blog from the laptop. Theme: Minimal Mistakes (remote theme). Deployed via GitHub Pages using the artifacts repo at `~/jekyll/emresaglam.github.io`.

1. Directory Layout

Source repo: `~/emre-blog/`

Artifacts repo (published site): `~/jekyll/emresaglam.github.io/`

2. Build and Serve Locally

To serve locally for preview:

```
bundle exec jekyll serve --host 0.0.0.0 --port 4000
```

Then open `http://127.0.0.1:4000`

3. Publishing

Run `./publish.sh` to build and publish the site.

Options:

- `./publish.sh --dry-run` : preview changes without pushing
- `./publish.sh -m 'message'` : publish with a custom commit message

The script builds, syncs `_site/` to the artifacts repo, preserves `.git`, `.nojekyll`, and `CNAME`, then commits and pushes.

4. GitHub Pages Setup

Repository: `emresaglam/emresaglam.github.io`

Branch: `main`

Custom domain: `blog.emresaglam.com`

DNS: `blog.emresaglam.com` → CNAME `emresaglam.github.io`

5. Adding a New Post

Posts go under `_posts/` and follow this pattern:

`YYYY-MM-DD-title.md`

Example front matter:

```
--- layout: single title: 'Post Title' date: YYYY-MM-DD categories: [category] tags: [tag1, tag2]
```

```
author_profile: true ---
```

6. Common Problems

Layout not found → use `layout: single`

Missing CNAME → `echo 'blog.emresaglam.com' > CNAME` and push

Sass warnings → safe to ignore (from Minimal Mistakes).

7. Token & Authentication

If GitHub token expires, recreate it with repo + workflow scopes and update:

```
git remote set-url origin https://@github.com/emresaglam/emresaglam.github.io.git
```

8. Quick Reference Commands

Rebuild and publish: `./publish.sh -m 'Update blog'`

Serve locally: `bundle exec jekyll serve`

Check DNS: `dig +short blog.emresaglam.com CNAME`

9. Notes

`_site/` is temporary and safe to delete. Theme is remote. Local posts stay versioned in `~/emre-blog`.

Last updated: November 2025