

# 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](https://github.com/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*