on an Ubuntu 22.04 virtuai machine.

```
steps:
    - name: ② Check Out Source Repository
    uses: actions/checkout@v3.5.1
    with:
        submodules: true # Fetch Hugo themes (true OR recursive)
        fetch-depth: 0 # Fetch all history for .GitInfo and .Lastmod
```

The first step checks out the repository code, including any submodules (often used for Hugo themes) and fetches the complete Git history.

```
yaml

- name: % Initialize Hugo Environment

uses: peaceiris/actions-hugo@v2.6.0

with:

hugo-version: "0.144.1"

extended: true
```

This step sets up Hugo in the build environment using a pre-built action. It specifies version 0.144.1 of Hugo and enables the "extended" version which supports additional features like Sass/SCSS processing.

```
yaml
- name: ↑I Compile Hugo Static Files
run: hugo -D --gc --minify
```

This runs the Hugo command to generate the static website files:

- -D includes draft content
- --gc runs garbage collection during the build
- —minify compresses the HTML, CSS, JS, etc. to reduce file sizes

```
- name: ** Publish to GitHub Pages
    uses: peaceiris/actions-gh-pages@v3.9.3
    with:
        github_token: ${{ secrets.GITHUB_TOKEN }}
        publish_branch: gh-pages
        user_name: "github-actions[bot]"
        user_email: "github-actions[bot]@users.noreply.github.com"
```

This final step publishes the built site to GitHub Pages:

- Uses a token to authenticate with GitHub (automatically provided by GitHub Actions)
- Pushes the built site to the gh-pages branch
- Sets the Git commit author to the GitHub Actions bot

```
## NOTE: uncomment below if using a custom domain
## cname: mydomain.com
```

These commented lines explain how to set up a custom domain. If you want your GitHub Pages site to use a custom domain instead of the default username.github.io, you would uncomment and set the cname parameter to your domain.



