```yaml
name: Linting and Formatting

on:
  push:
    branches:
      - main

jobs:
  lint_and_format:
    runs-on: ubuntu-latest

    steps:
      - name: Checkout code
        uses: actions/checkout@v4

      - name: Set up Python
        uses: actions/setup-python@v5
        with:
          python-version: '3.10'

      - name: Install dependencies
        run: pip install --no-cache-dir -r requirements.txt

      - name: Find Python files
        run: find swarms_torch -name "*.py" -type f -exec autopep8 --in-place --aggressive --aggressive {} +
```

```yaml
- name: Push changes

  uses: ad-m/github-push-action@master

  with:

    github_token: ${{ secrets.GITHUB_TOKEN }}
```