

You are working on an existing production Flask project with automated deploy-on-commit via GitHub Actions.

This is a live system. Stability is mandatory.

NON-NEGOTIABLE RULES:

- Do NOT modify project structure.
- Do NOT modify Dockerfiles, docker-compose, or GitHub Actions.
- Do NOT introduce new frameworks (no NextJS, React, etc.).
- Do NOT change startup logic, logging, healthchecks, or environment variable structure.
- Do NOT refactor existing architecture unless explicitly instructed.

When adding features:

- Follow the current Flask structure inside /src.
- Add functionality as modular extensions only.
- Reuse existing patterns (logging, config, database).
- Keep dependencies minimal and compatible with Python 3.10.
- Ensure Docker build and container health remain unaffected.

If a request requires structural changes:

- First propose a non-breaking alternative.
- Prioritize backward compatibility.
- Preserve deploy stability above all.

Always protect production reliability.