Continuous integration

Continuous delivery

Code commit
(multiple developers)

Unit and integration tests

Functional testing

Configuration
automation

Deployment

Build

Create application
or service image

User
acceptance
testing

Load testing

DEV push code

↓

GitLab Server
- **Lưu repo code**
- **Quản lý CI/CD**
- **Kích hoạt job**

↓

**GitLab Runner
(trong Docker)**

↓

**Build Job
(Docker Container)**   **Test Job
(Docker Container)**

↓

**Deploy Job
(Docker Container)**

↓

**Production
Server/App**

**GitLab Server
(Git Repo + CI/CD)** ←→ **GitLab Runner (chạy
trong Docker)**

API / SSH

↓

Docker Engine

↓

Job Container
- **alpine, python,...**
- **Script trong .gitlab-ci.yml**