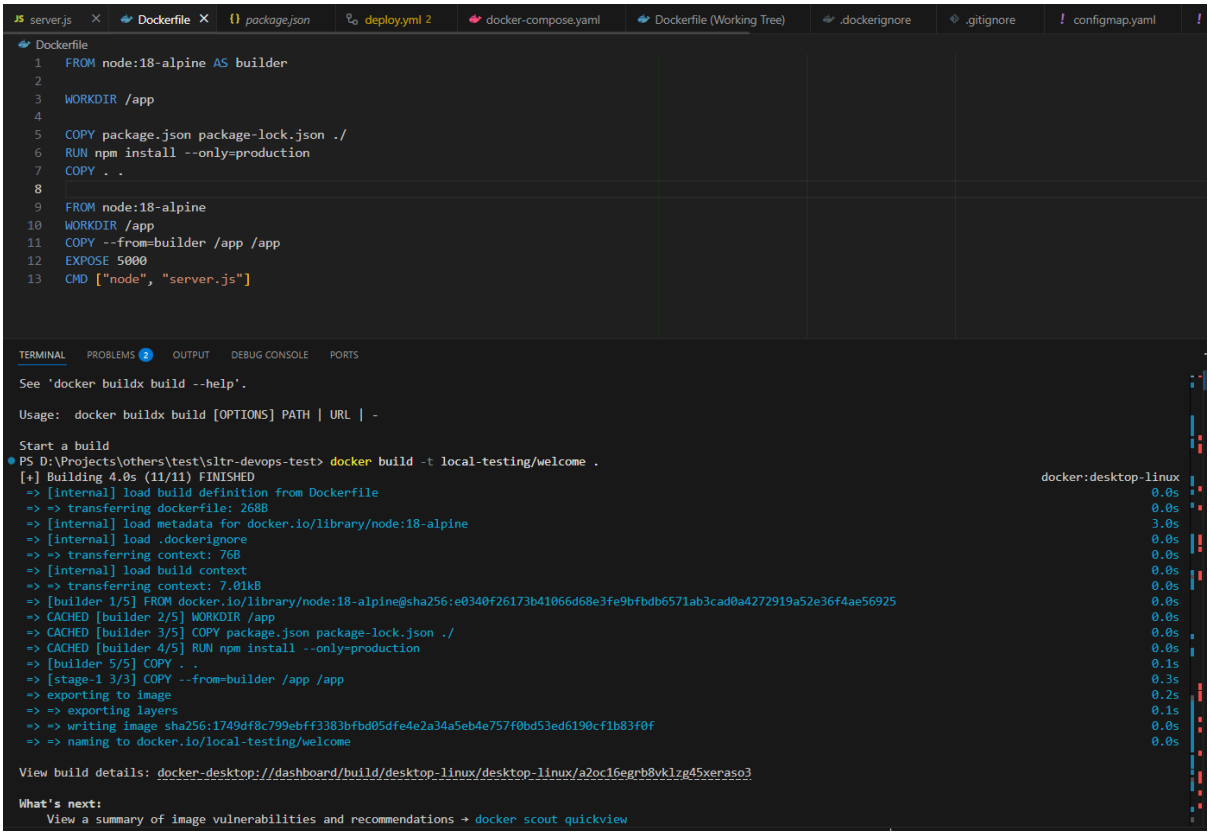
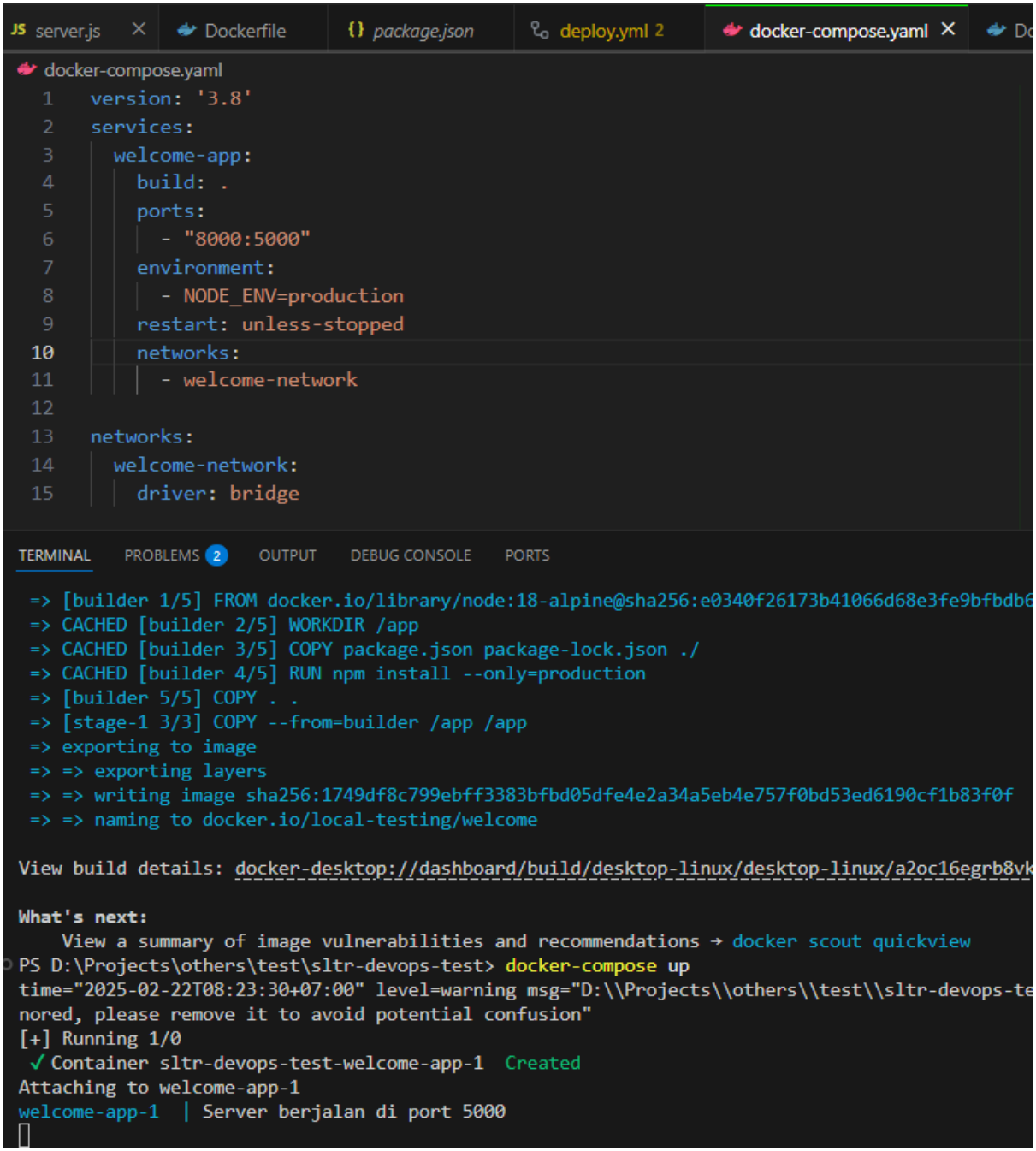
Nama : **M. Muammar**
project github : **https://github.com/aamdsam/sltr-devop-test**

1. **Simple Coding menggunakan express js**

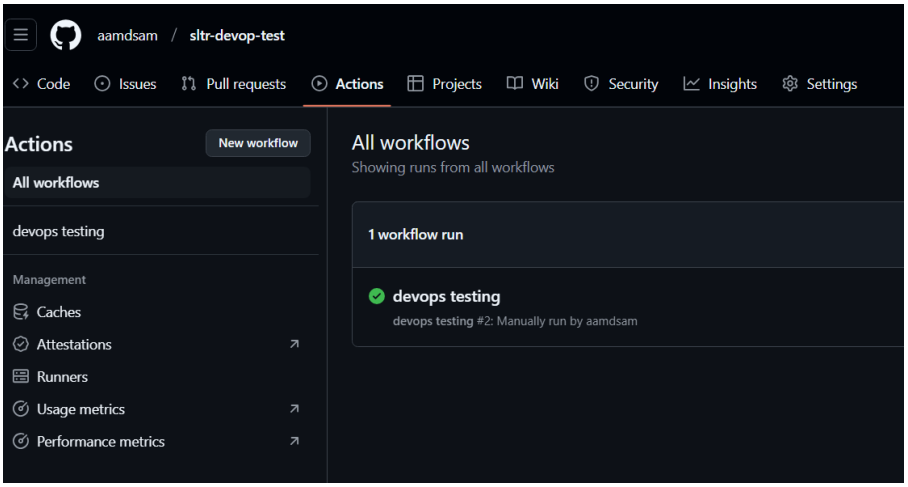
2. **Container Docker**
   - **Docker build image manually**



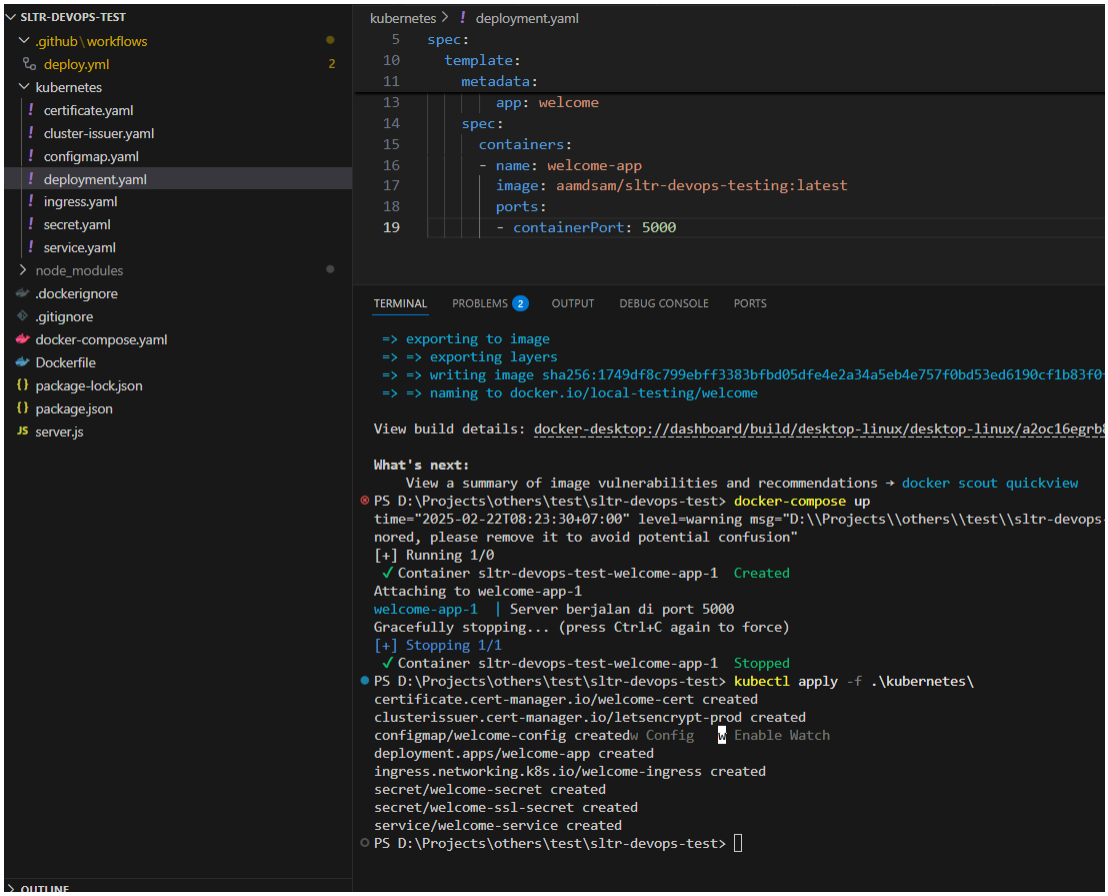
   - **Docker compose run port 8000**

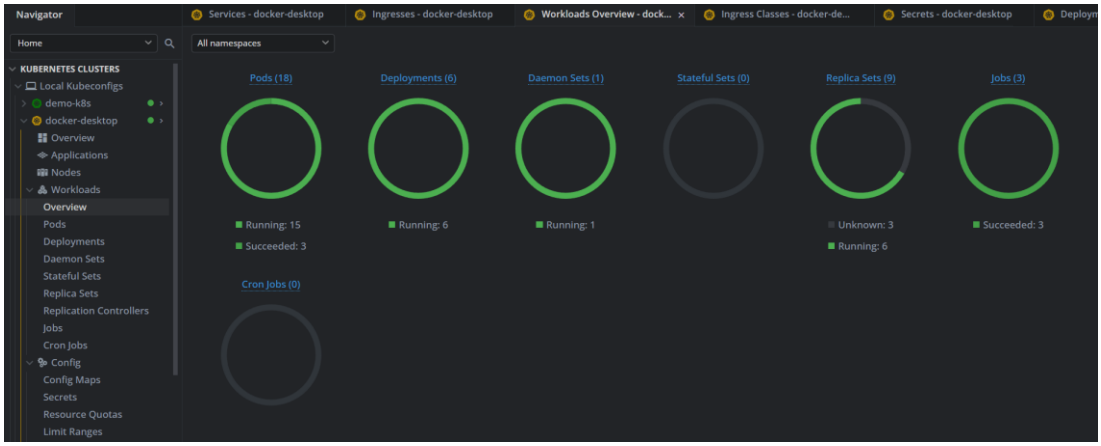


3. CI & CD - GITHUB ACTION

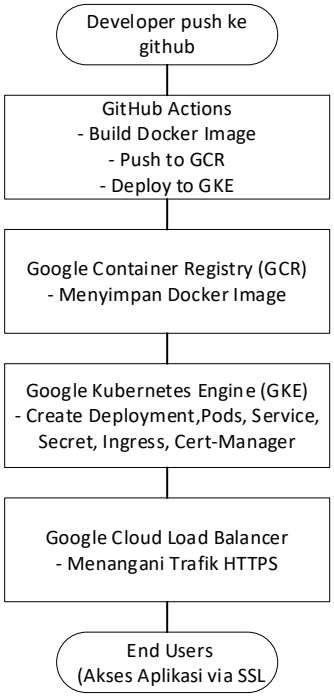


4. KUBERNETES





5. CLOUD INFRA - GCP



6. Cara Deploy Welcome Test App di Kubernetes (Lokal)

- Pastikan aplikasi seperti git, docker dan Kubernetes sudah terinstall di local PC
- Clone Repository dari GitHub : https://github.com/aamdsam/sltr-devop-test.git
- Masuk ke di rektori hasil clone atau directory sltr-devops-test
- Jalankan perintah kubectl apply untuk deploy deployment, service, secret, configmap,ingress dan ssl issuer nya dengan cara : ***kubectl apply -f kubernetes/***
- Pastikan semua deployment, pod, service, secret, configmap, ingress, dan nginx ingress sudah ada dan status running atau tidak ada error
- Apabila nginx-controller belum ada bisa diinstall bisa dibuat menggunakan helm ingress-ngix atau instal manual dengan command kubectl seperti ini: *kubectl apply -f https://raw.githubusercontent.com/kubernetes/ingress-nginx/main/deploy/static/provider/cloud/deploy.yaml*
- Tambahkan domain local di etc host berikut ini: 127.0.0.1 welcome.local
- Akses domain local dengan url: https://welcome.local/welcome/test atau https://welcome.local/welcome