

Pipelines de CI/CD e DevOps

Assessment [Obrigatório]

Link do projeto no github:

<https://github.com/Rodrigoportes/Assessment-CiCd>

Etapa 1 Dockerização do seu projeto

Seu projeto deve estar dockerizado. Com o Dockerfile junto ao projeto.

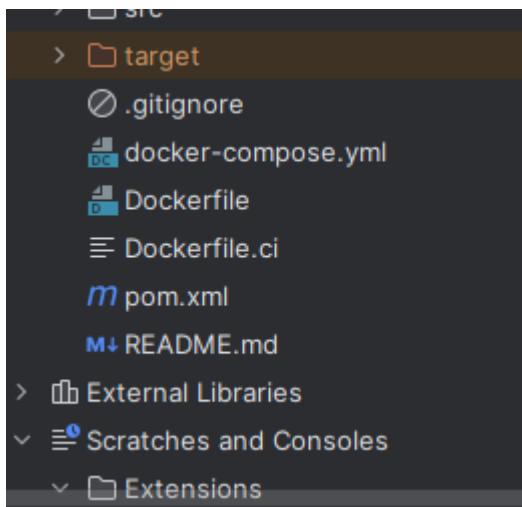
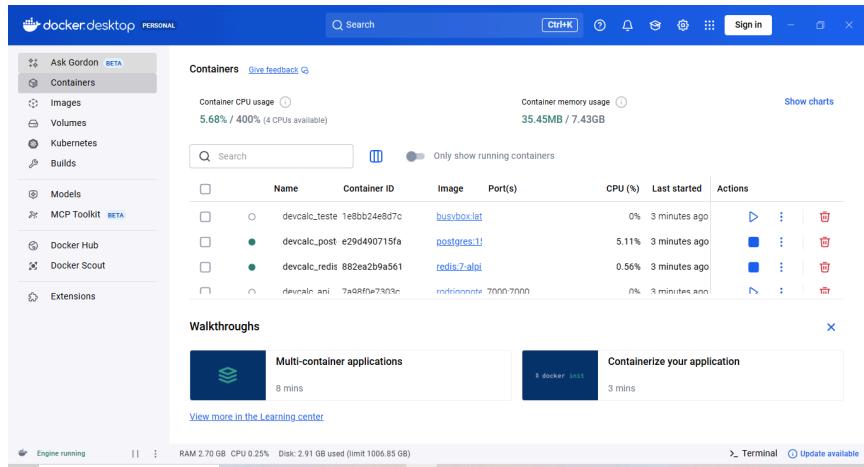


Imagen publicada no Dockerhub.

<input type="checkbox"/>	●	devcalc-api	1.0.0	4646fbe173ec	3 days ago	263.62 MB				
<input type="checkbox"/>	●	rodrigopotes/devcalc-api	latest	4646fbe173ec	3 days ago	263.62 MB				

Print do seu projeto rodando dentro de um container.



Etapa 2 Projeto rodando dentro do K8s

Deve ter um Deployment com pelo menos 2 réplicas.

```
C:\Users\Rodri\OneDrive\Área de Trabalho\cmd\tp2-kubernetes
λ kubectl get deploy devcalc-api-deployment -n tp2
NAME           READY   UP-TO-DATE   AVAILABLE   AGE
devcalc-api-deployment   3/3     3           3           20m
```

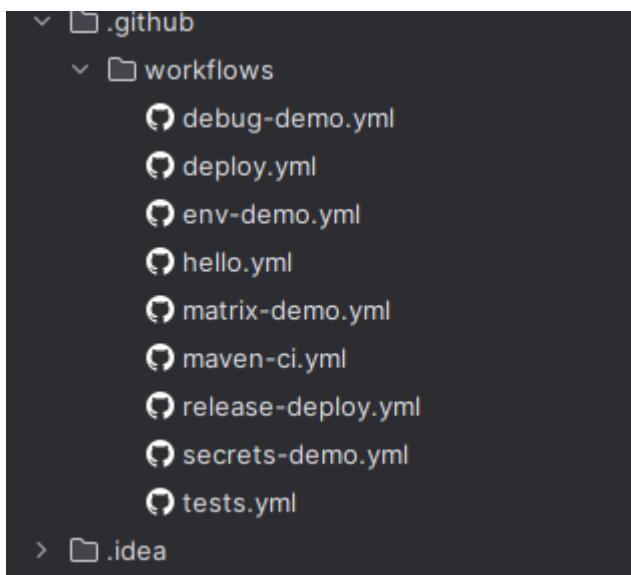
Deve ter pelo menos um service.

```
C:\Users\Rodri\OneDrive\Área de Trabalho\cmd\tp2-kubernetes
λ kubectl get nodes -o wide
NAME           STATUS    ROLES   AGE   VERSION   INTERNAL-IP      EXTERNAL-IP   OS-IMAGE
S-IMAGE        KERNEL-VERSION   CONTAINER-RUNTIME
docker-desktop   Ready    control-plane   23h   v1.34.1   192.168.65.3   <none>       Docker Desktop 6.6.87.2-microsoft-standard-WSL2   docker://28.5.1

C:\Users\Rodri\OneDrive\Área de Trabalho\cmd\tp2-kubernetes
```

Etapa 3 Workflow

Seu projeto deve ter pelo menos um Workflow no Github actions.



Seguindo as especificações do TP3.

A screenshot of the GitHub Actions interface. On the left, there's a sidebar with sections like 'Actions' (selected), 'New workflow', 'All workflows' (which lists 'deploy.yml', 'Hello CI/CD Workflow', 'Run Tests on PR', 'Maven CI Pipeline', 'Secrets Demo', 'Release Deploy Workflow', 'Matrix Strategy Demo', 'Debug Logs Demo', and 'env-demo'), and 'Management' (with options for 'Caches', 'Attestations', 'Runners', 'Usage metrics', and 'Performance metrics'). The main area is titled 'Showing runs from all workflows' and shows '54 workflow runs'. Each run is listed with a green checkmark, the workflow name, a brief description, and a 'main' badge. Some examples include: 'feat: Adiciona workflow 5.0 deploy.yml integrado' (env-demo #11: Commit 57b2998 pushed by [Rodrigoportes](#)), 'feat: Adiciona workflow 5.0 deploy.yml integrado' (3.2 Secrets Demo #7: Commit 57b2998 pushed by [Rodrigoportes](#)), 'feat: Adiciona workflow 5.0 deploy.yml integrado' (3.2 Matrix Strategy Demo #4: Commit 57b2998 pushed by [Rodrigoportes](#)), 'feat: Adiciona workflow 5.0 deploy.yml integrado' (1.3 Maven CI Pipeline #11: Commit 57b2998 pushed by [Rodrigoportes](#)), 'feat: Adiciona workflow 5.0 deploy.yml integrado' (1.1 Hello CI/CD Workflow #15: Commit 57b2998 pushed by [Rodrigoportes](#)), and 'feat: Adiciona workflow 5.0 deploy.yml integrado' (4.2 Debug Logs Demo #2: Commit 57b2998 pushed by [Rodrigoportes](#)).

