Links & tips

Docker

In bash

```
# To get the last build container docker image ls --format '{{.ID}}' |
head -1
# You can run the last build container
docker run $(docker image ls --format '{{.ID}}' | head -1)

# To get the latest container id use $(docker ps -lq)
docker logs $(docker ps -lq)

# To get all container ids use $(docker ps -aq)
# You can stop and delete all containers with
docker rm --force $(docker ps -aq)
```

Containers

- Microsoft Videos about containers (easy) Why you should care about containers

Kubernetes

- Minikube start Install minikube
- Microsoft Videos about How Kubernetes works
- Microsoft Videos about (normal) How Kubernetes deployments work
- Kubernetes CLI kubectl cheatsheet
- Kubernetes private registry secret pull image private registry
- TechWorld with Nana Kubernetes Services explained | ClusterIP vs NodePort vs LoadBalancer vs Headless Service
- TechWorld with Nana Kubernetes Tutorial for Beginners [FULL COURSE in 4 Hours]

```
# list pods in default namespace
kubectl get pods

# list pod with name flask-server-pod
kubectl get pods flask-server-pod

# list services in default namespace
kubectl get services

# get logs
kubectl logs flask-server-pod

# get logs with resource type pods / and name flask-server-pod
kubectl logs pods/flask-server-pod
```

```
# describe a pod to get more information, e.g failure event, image used,
Volumes
kubectl describe pod/flask-server-pod

# Create a port-forward to your service to make it accessible in your
browser
# kubectl port-forward service/ host port (yours): service port (cluster)
7000:5000
kubectl port-forward service/flask-server-pod 7000:5000
```

Flask

- Read more about flask official docs
- Read more about jinja2 templates docs

Git

- Gitignore templates from github gitignore