Docker Containers and Kubernetes Fundamentals Prerequisites

1. Docker / Docker Hub Account

You’ll need a free Docker account. This account will also give you access to Docker Hub.

https://hub.docker.com/

2. Linux

Ubuntu Desktop 22.04.x.

https://ubuntu.com/download/desktop

3. Docker

Install the Docker engine.

Refer to the documentation for the latest installation instructions:

https://docs.docker.com/engine/install/ubuntu/

4. Install and Set Up kubectl on Linux.

<https://kubernetes.io/docs/tasks/tools/install-kubectl-linux/>

5. Install MicroK8s

<https://ubuntu.com/tutorials/install-a-local-kubernetes-with-microk8s#2-deploying-microk8s>

sudo snap install microk8s --classic