

minikube\_cmds

# Download Minikube

```
curl -LO https://github.com/kubernetes/minikube/releases/latest/download/minikube-linux-amd64
```

# Install Minikube

```
sudo install minikube-linux-amd64 /usr/local/bin/minikube && rm minikube-linux-amd64
```

# Start Minikube

```
minikube start
```

# Check Minikube status

```
minikube status
```

# Get running pods

```
kubectl get pod
```

# Get deployments

```
kubectl get deploy
```

# Get replicas

```
kubectl get replica
```

# Get detailed pod information

```
kubectl get pod -o wide
```

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```
Mar 21 09:12
bharath-prabakaran@Dot: ~
bharath-prabakaran@Dot:~$ ls
deploy.yml  Desktop  Documents  Pictures  Public  Templates
docker-compose.yml  Downloads  pod-ns.yml  rs-test.yml  test-ns.yml
bharath-prabakaran@Dot:~$ cd Documents
bharath-prabakaran@Dot:~/Documents$ ls
Guvi
bharath-prabakaran@Dot:~/Documents$ Guvi
Command 'Guvi' not found, did you mean:
  command 'uvi' from snap uvi (1.0.0)
  command 'quvi' from deb quvi (0.9.5-0.2)
See 'snap info <snapname>' for additional versions.
bharath-prabakaran@Dot:~/Documents$ cd Guvi
bharath-prabakaran@Dot:~/Documents/Guvi$ ls
Clone  Github  Jenkins  kubernetes_cmds  minikube_cmds
bharath-prabakaran@Dot:~/Documents/Guvi$ cd Github
bharath-prabakaran@Dot:~/Documents/Guvi/Github$ >Docker_commands
bharath-prabakaran@Dot:~/Documents/Guvi/Github$ sudo nano Docker_commands
[sudo] password for bharath-prabakaran:
bharath-prabakaran@Dot:~/Documents/Guvi/Github$ >DockerCompose_commands
bharath-prabakaran@Dot:~/Documents/Guvi/Github$ sudo nano DockerCompose_commands
bharath-prabakaran@Dot:~/Documents/Guvi/Github$ sudo nano Kubernetes_commands
bharath-prabakaran@Dot:~/Documents/Guvi/Github$ cd
bharath-prabakaran@Dot:~$ minikube start
minikube v1.35.0 on Ubuntu 24.04
* Using the docker driver based on existing profile
* Starting "minikube" primary control-plane node in "minikube" cluster
* Pulling base image v0.0.46 ...
* Restarting existing docker container for "minikube" ...
* Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
* Verifying Kubernetes components...
  - Using image gcr.io/k8s-minikube/storage-provisioner:v5
  - Enabled addons: storage-provisioner, default-storageclass
  - Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
bharath-prabakaran@Dot:~$ kubectl get pod
NAME                                READY  STATUS   RESTARTS   AGE
my-deploy-d9b7f9cd-1b999            1/1    Running  2 (15h ago)  16h
bharath-prabakaran@Dot:~$ kubectl get node
NAME    STATUS  ROLES    AGE  VERSION
minikube  Ready   control-plane  44h  v1.32.0
bharath-prabakaran@Dot:~$ kubectl get deploy
NAME    READY  UP-TO-DATE  AVAILABLE  AGE
my-deploy  1/1    1            1          16h
bharath-prabakaran@Dot:~$
```