

```
root@my-pod: /usr/local

prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
[sudo] password for prasannndh_raaju:
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
error: the path "pod.yml" does not exist
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
error: the path "pod.yml" does not exist
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
error: the path "pod.yml" does not exist
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo vi pod.yml
2 files to edit
prasannndh_raaju@DESKTOP-S03TDPN:~$ ls
Jenkinsfile Jenkinsfile.save docker-compose.yml pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
error: error parsing pod.yml: error converting YAML to JSON: yaml: line 7: mapping values are not allowed in this context
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
pod/my-pod created
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod
NAME      READY   STATUS             RESTARTS   AGE
my-pod    0/1     ContainerCreating   0           23s
mypod     1/1     Running             0           62m
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod
NAME      READY   STATUS             RESTARTS   AGE
my-pod    0/1     ContainerCreating   0           35s
mypod     1/1     Running             0           62m
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl exec -it my-app -- /bin/bash
Error from server (NotFound): pods "my-app" not found
prasannndh_raaju@DESKTOP-S03TDPN:~$ kubectl exec -it my-pod -- /bin/bash
root@my-pod:/usr/local/tomcat# l
bin/          conf/         filtered-KEYS  LICENSE      native-jni-lib/  README.md    RUNNING.txt    upstream-KEYS  webapps.dist/
BUILDING.txt  CONTRIBUTING.md lib/          logs/        NOTICE          RELEASE-NOTES temp/          webapps/       work/
root@my-pod:/usr/local/tomcat# ls
bin          conf         filtered-KEYS  LICENSE      native-jni-lib  README.md    RUNNING.txt    upstream-KEYS  webapps.dist
BUILDING.txt CONTRIBUTING.md lib           logs         NOTICE         RELEASE-NOTES temp          webapps       work
root@my-pod:/usr/local/tomcat# cd webapps
root@my-pod:/usr/local/tomcat/webapps# ls
maven-web-app  maven-web-app.war
root@my-pod:/usr/local/tomcat/webapps# cd ..
root@my-pod:/usr/local/tomcat# cd ..
root@my-pod:/usr/local#
```

```
prasanndh_raaju@DESKTOP-S  x  +  v
coredns-668d6bf9bc-vlmnl      1/1      Running   1 (53m ago)  22h
etcd-minikube                 1/1      Running   1 (53m ago)  22h
kube-apiserver-minikube       1/1      Running   1 (53m ago)  22h
kube-controller-manager-minikube 1/1      Running   1 (53m ago)  22h
kube-proxy-jg2n2              1/1      Running   1 (53m ago)  22h
kube-scheduler-minikube       1/1      Running   1 (53m ago)  22h
storage-provisioner           1/1      Running   3 (52m ago)  22h
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl logs mypod
kubectl logs mypod: command not found
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod -o wide
NAME      READY   STATUS    RESTARTS   AGE   IP          NODE      NOMINATED NODE   READINESS GATES
mypod     1/1     Running   0           49m   10.244.0.4   minikube   <none>           <none>
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl logs mypod
kubectl logs mypod: command not found
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
[sudo] password for prasanndh_raaju:
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
error: the path "pod.yml" does not exist
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
error: the path "pod.yml" does not exist
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
error: the path "pod.yml" does not exist
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo vi pod.yml
2 files to edit
prasanndh_raaju@DESKTOP-S03TDPN:~$ ls
Jenkinsfile Jenkinsfile.save docker-compose.yml pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
error: error parsing pod.yml: error converting YAML to JSON: yaml: line 7: mapping values are not allowed in this context
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ sudo nano pod.yml
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl apply -f pod.yml
pod/my-pod created
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod
NAME      READY   STATUS    RESTARTS   AGE
my-pod    0/1     ContainerCreating   0           23s
mypod     1/1     Running         0           62m
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod
NAME      READY   STATUS    RESTARTS   AGE
my-pod    0/1     ContainerCreating   0           35s
mypod     1/1     Running         0           62m
prasanndh_raaju@DESKTOP-S03TDPN:~$ |
```

[1/2]

pod \*

```
apiVersion: v1
kind: Pod
metadata:
  name: my-pod
  labels:
    app: my-web-app
    type: backend
spec:
  containers:
    - name: nginx-container
      image: nginx
      ports:
        - containerPort: 7575
```

^G Help  
^X Close

^O Write Out  
^R Read File

^W Where Is  
^N Replace

^K Cut  
^U Paste

^T Execute  
^J Justify

^C Location  
^/ Go To Line

M-U Undo  
M-E Redo

M-A Set Mark  
M-6 Copy

M-] To Bracket  
^Q Where Was



Q Search



ENG  
IN



11:00  
20-03-2025



```
Error code: Wsl/Service/WSL_E_DISTRO_NOT_FOUND
PS C:\Users\Prasanndh Raaju> wsl.exe -d Ubuntu
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 5.15.167.4-microsoft-standard-WSL2 x86_64)
```

```
* Documentation: https://help.ubuntu.com
* Management:   https://landscape.canonical.com
* Support:       https://ubuntu.com/pro
```

System information as of Thu Mar 20 04:31:31 UTC 2025

```
System load: 1.13      Processes:            36
Usage of /:  0.7% of 1006.85GB  Users logged in:     0
Memory usage: 12%      IPv4 address for eth0: 172.26.108.121
Swap usage:  0%
```

```
* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
just raised the bar for easy, resilient and secure K8s cluster deployment.
```

<https://ubuntu.com/engage/secure-kubernetes-at-the-edge>

This message is shown once a day. To disable it please create the  
/home/prasanndh\_raaju/.hushlogin file.

```
prasanndh_raaju@DESKTOP-S03TDPN:/mnt/c/Users/Prasanndh Raaju$ cd
```

```
prasanndh_raaju@DESKTOP-S03TDPN:~$ minikube start
```

```
🐳 minikube v1.35.0 on Ubuntu 24.04 (amd64)
```

```
🔧 Using the docker driver based on existing profile
```

```
👉 Starting "minikube" primary control-plane node in "minikube" cluster
```

```
📡 Pulling base image v0.0.46 ...
```

```
📦 Downloading Kubernetes v1.32.0 preload ...
```

```
> preloaded-images-k8s-v18-v1...: 333.57 MiB / 333.57 MiB 100.00% 5.12 Mi
```

```
🔄 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: default-storageclass, storage-provisioner
```

```
🎉 Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
```

```
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod
```

```
No resources found in default namespace.
```

```
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl run mypod --image=nginx --port=80
```

```
pod/mypod created
```

```
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get node
```

```
NAME      STATUS   ROLES    AGE   VERSION
minikube  Ready   control-plane  22h   v1.32.0
```

```
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod
```

```
NAME    READY   STATUS    RESTARTS   AGE
mypod   1/1     Running   0          2m19s
```

```
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod -o wide
```



```
prasanndh_raaju@DESKTOP-S  X  +  v
minikube Ready control-plane 22h v1.32.0
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod
NAME READY STATUS RESTARTS AGE
mypod 1/1 Running 0 2m19s
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod -o wide
NAME READY STATUS RESTARTS AGE IP NODE NOMINATED NODE READINESS GATES
mypod 1/1 Running 0 3m23s 10.244.0.4 minikube <none> <none>
prasanndh_raaju@DESKTOP-S03TDPN:~$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
prasanndh/simplewebapp latest 5b4b16fdf6f4 17 hours ago 520MB
<none> <none> a5daec3b5d6b 17 hours ago 520MB
<none> <none> 3716e0cc9158 17 hours ago 520MB
<none> <none> 9a64a38836ba 18 hours ago 520MB
<none> <none> 98613b847b3c 18 hours ago 520MB
tomcat 9 148e4169be1a 13 days ago 520MB
nginx latest 53a18edff809 6 weeks ago 192MB
mysql latest fa262c3a6564 8 weeks ago 797MB
gcr.io/k8s-minikube/kicbase v0.0.46 e72c4cbe9b29 2 months ago 1.31GB
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pods -n kube-system
NAME READY STATUS RESTARTS AGE
coredns-668d6bf9bc-vlmnl 1/1 Running 1 (53m ago) 22h
etcd-minikube 1/1 Running 1 (53m ago) 22h
kube-apiserver-minikube 1/1 Running 1 (53m ago) 22h
kube-controller-manager-minikube 1/1 Running 1 (53m ago) 22h
kube-proxy-jg2n2 1/1 Running 1 (53m ago) 22h
kube-scheduler-minikube 1/1 Running 1 (53m ago) 22h
storage-provisioner 1/1 Running 3 (52m ago) 22h
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl logs my-pod
kubectl logs my-pod: command not found
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl logs ndinx
kubectl logs ndinx: command not found
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pods -n kube-system
NAME READY STATUS RESTARTS AGE
coredns-668d6bf9bc-vlmnl 1/1 Running 1 (53m ago) 22h
etcd-minikube 1/1 Running 1 (53m ago) 22h
kube-apiserver-minikube 1/1 Running 1 (53m ago) 22h
kube-controller-manager-minikube 1/1 Running 1 (53m ago) 22h
kube-proxy-jg2n2 1/1 Running 1 (53m ago) 22h
kube-scheduler-minikube 1/1 Running 1 (53m ago) 22h
storage-provisioner 1/1 Running 3 (52m ago) 22h
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl logs mypod
kubectl logs mypod: command not found
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl get pod -o wide
NAME READY STATUS RESTARTS AGE IP NODE NOMINATED NODE READINESS GATES
mypod 1/1 Running 0 49m 10.244.0.4 minikube <none> <none>
prasanndh_raaju@DESKTOP-S03TDPN:~$ kubectl logs mypod
kubectl logs mypod: command not found
```



Search



ENG  
IN



10:58  
20-03-2025

DevOps\_War Public

main 1 Branch 0 Tags

Add file ▾

<> Code ▾

## About

No description, website, or topics provided.

☆ 0 stars

👁 1 watching

0 forks

## Releases

[Create a new release](#)

100

## Packages

[Publish your first package](#)

## Languages

## Suggested workflows

Based on your tech stack

 [README](#)

## Add a README

Add a README