

Activities

Google Chrome

Mar 19 18:11




Nginx start fail x kavinraj/pipeli x login.docker.co x Docker Pipeline x Personal access x DEVOPS/TASK1 x (no subject) - ka x Setup Kubernet x React App x

localhost:8000/cart

OnlineShop

Home Login SignUp

Shopping Cart

#	Product	Price	Quantity	Total
1	<div><div>OnePlus 9 5G 5.4 inch display Remove</div></div>	\$399	- 1 +	\$399
1	<div><div>Iphone 13 mini 5.4 inch display Remove</div></div>	\$399	- 1 +	\$399
1	<div><div>Samsung s21 ultra 5.4 inch display Remove</div></div>	\$399	- 1 +	\$399

Clear Cart

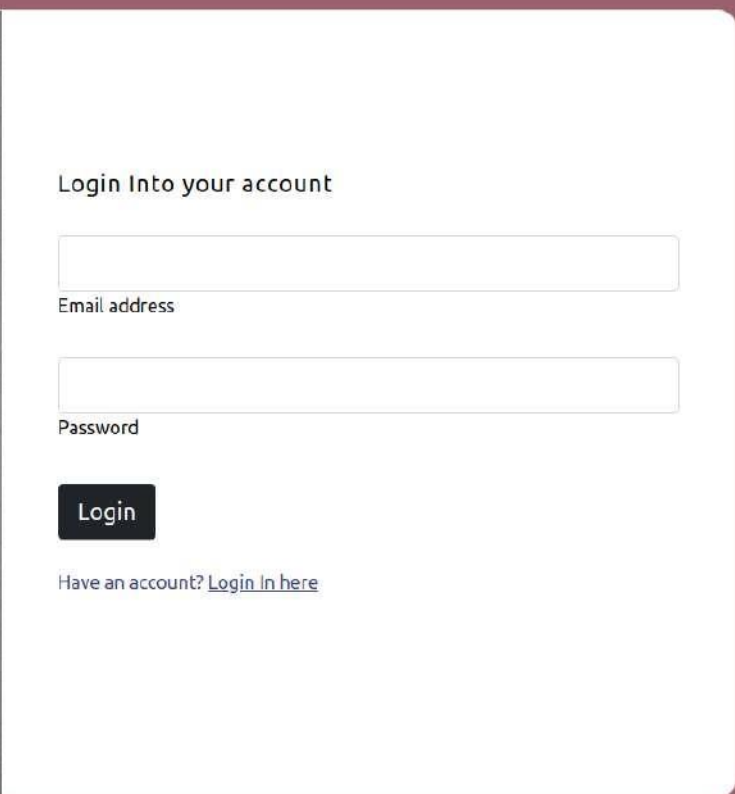
SubTotal:

\$1197

Taxes and Shipping Calculated

Login to CheckOut

Continue Shopping



Login

Have an account? [Login In here](#)

Activities

Google Chrome

Mar 19 18:10


Nginx start fail x kavinraj/pipeli x login.docker.co x Docker Pipeline x Personal access x DEVOPS/TASK1 x (no subject) -ke x Setup Kubernet x React App x

localhost:8000

OnlineShop

Home Login SignUp


OnePlus 9 5G



5.4 inch display 399

Add to Cart


Iphone 13 mini



5.4 inch display 399

Add to Cart


Samsung s21 ultra



5.4 inch display 399

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xiomi mi 11



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OnePlus 9 5G



5.4 inch display 399

Iphone 13 mini



5.4 inch display 399

```
# Expose port 80 (the default HTTP port)
EXPOSE 80
# Start Nginx and keep it running in the foreground
CMD ["nginx", "-g", "daemon off;"]
kavin@ubuntu:~/capstone$ docker build -t kavinraj/e-commerce .
[+] Building 96.5s (8/8) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 276B
=> [internal] load metadata for docker.io/library/nginx:latest
=> [auth] library/nginx:pull token for registry-1.docker.io
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 2.61MB
=> [1/2] FROM docker.io/library/nginx:latest@sha256:124b44bfc9ccd1f3cedf4b592d4d1e8bddb78b51ec2ed5056c52d3692baebc19
=> => resolve docker.io/library/nginx:latest@sha256:124b44bfc9ccd1f3cedf4b592d4d1e8bddb78b51ec2ed5056c52d3692baebc19
=> => sha256:124b44bfc9ccd1f3cedf4b592d4d1e8bddb78b51ec2ed5056c52d3692baebc19 10.27kB / 10.27kB
=> => sha256:54809b2f36d0ff38e8e5362b0239779e4b75c2f19ad70ef047ed050f01506bb4 2.29kB / 2.29kB
=> => sha256:53a18edff8991d5faff1e42b4d885bc5f0f897873b0b8f8ace236cd593081960 8.58kB / 8.58kB
=> => sha256:6e909acdb790c5a1909d9cfc795fda5a246ad6664bb27b5c680e2b734b2c5fad 2B / 2B
=> => sha256:5eaa34f5b9c2a13ef2217ceb966953dfd5c3a21a990767da307be1f57e5a1e4f 43.95MB / 43.95MB
=> => sha256:417c4bccf5349be7cd4ba91b1a2077ecf0ab50b3831bb071ba31f2c8bac02ed1 627B / 627B
=> => sha256:e7e0ca015e53ccff5686ec2153c895313675686d3f6940144ce935c07554d85 955B / 955B
=> => sha256:373fe654e9845b69587105e1b82833209521db456bdc5bc26ac7260e3eb2dd52 405B / 405B
=> => sha256:97f5c0f51d43d499970597ee9f919f9170954289eff0c5d7b8f8afd73dbb57977 1.21kB / 1.21kB
=> => sha256:c22eb46e871ad1cda19691450312c6b5c25eb5e0836773821d8091cfff6b327cc 1.40kB / 1.40kB
=> => extracting sha256:6e909acdb790c5a1909d9cfc795fda5a246ad6664bb27b5c680e2b734b2c5fad
=> => extracting sha256:5eaa34f5b9c2a13ef2217ceb966953dfd5c3a21a990767da307be1f57e5a1e4f
=> => extracting sha256:417c4bccf5349be7cd4ba91b1a2077ecf0ab50b3831bb071ba31f2c8bac02ed1
=> => extracting sha256:e7e0ca015e53ccff5686ec2153c895313675686d3f6940144ce935c07554d85
=> => extracting sha256:373fe654e9845b69587105e1b82833209521db456bdc5bc26ac7260e3eb2dd52
=> => extracting sha256:97f5c0f51d43d499970597ee9f919f9170954289eff0c5d7b8f8afd73dbb57977
=> => extracting sha256:c22eb46e871ad1cda19691450312c6b5c25eb5e0836773821d8091cfff6b327cc
=> [2/2] COPY build/ /usr/share/nginx/html
=> exporting to image
=> => exporting layers
=> => writing image sha256:3bb0f581aa8628b6145e28b6da96b1dc8db5cf7b5d83a14hd23cd07ee2484764
=> => naming to docker.io/kavinraj/e-commerce
kavin@ubuntu:~/capstone$ docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
kavinraj/e-commerce latest          3bb0f581aa86   23 seconds ago 195MB
gcr.io/k8s-minikube/kicbase v0.0.46        e72c4cbe9b29   2 months ago   1.31GB
kavin@ubuntu:~/capstone$ docker run -d -p 8000:80 kavinraj/e-commerce
692ef4a660c458835d867644eca420921b45e38a433d08f302d1a7a1eb5cb515
kavin@ubuntu:~/capstone$ docker ps
CONTAINER ID   IMAGE                COMMAND                  CREATED        STATUS        PORTS                               NAMES
692ef4a660c4   kavinraj/e-commerce "/docker-entrypoint..." 13 seconds ago Up 11 seconds 0.0.0.0:8000->80/tcp, [::]:8000->80/tcp   hopeful_brattain
kavin@ubuntu:~/capstone$
```

docker:default

	0.1s
	0.0s
	6.7s
	0.0s
	0.1s
	0.0s
	1.6s
	1.5s
	87.1s
	0.2s
	0.0s
	0.0s
	21.0s
	40.9s
	4.6s
	5.8s
	6.5s
	7.3s
	8.3s
	33.9s
	26.4s
	0.0s
	0.0s
	0.0s
	0.0s
	0.0s
	1.2s
	0.4s
	0.2s
	0.0s
	0.1s


```
y5h62tandezqpl09uulsd22lu  
qwvti7cpa4txi6d5szndz7lf9  
m016asongydkqen01yhh4ijri  
px2dgiqoeua9vi7qek5bn8dl8  
amlcvyhqmh3brl05l9djguico
```

Total reclaimed space: 20.94MB

```
kavin@ubuntu:~$ cd /path/to/your/pipeline
```

```
bash: cd: /path/to/your/pipeline: No such file or directory
```

```
kavin@ubuntu:~$ docker tag pipeline-app:latest kavinraj/pipeline-app:3
```

```
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/images/pipeline-app:latest/tag?repo=kavinraj%2Fpipeline-app&tag=3": dial unix /var/run/docker.sock: connect: permission denied
```

```
kavin@ubuntu:~$ sudo usermod -aG docker $USER
```

```
kavin@ubuntu:~$ docker ps
```

```
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/containers/json": dial unix /var/run/docker.sock: connect: permission denied
```

```
kavin@ubuntu:~$ newgrp docker
```

```
kavin@ubuntu:~$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
--------------	-------	---------	---------	--------	-------	-------

```
kavin@ubuntu:~$ docker tag pipeline-app:latest kavinraj/pipeline-app:3
```

```
Error response from daemon: No such image: pipeline-app:latest
```

```
kavin@ubuntu:~$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
kavinraj/pipeline-app	3	083e4008697e	6 minutes ago	149MB

```
kavin@ubuntu:~$ docker push kavinraj/pipeline-app:3
```

```
The push refers to repository [docker.io/kavinraj/pipeline-app]
```

```
bcc5be411ffc: Layer already exists
```

```
3a181202d7d6: Layer already exists
```

```
4e493cda79b0: Layer already exists
```

```
85db9fbfd867: Layer already exists
```

```
9e07a17fe742: Layer already exists
```

```
5ffdd8016f56: Layer already exists
```

```
adc99b871e15: Layer already exists
```

```
617df26c9e2b: Layer already exists
```

```
errors:
```

```
denied: requested access to the resource is denied
```

```
unauthorized: authentication required
```

```
kavin@ubuntu:~$ docker login
```

USING WEB-BASED LOGIN

Info → To sign in with credentials on the command line, use 'docker login -u <username>'

Your one-time device confirmation code is: **HLWL-PMFZ**

Press **ENTER** to open your browser or submit your device code here: <https://login.docker.com/activate>

Waiting for authentication in the browser...

WARNING! Your credentials are stored unencrypted in '/home/kavin/.docker/config.json'.

Configure a credential helper to remove this warning. See

<https://docs.docker.com/go/credential-store/>

Login Succeeded

```
kavin@ubuntu:~$ docker push kavinraj/pipeline-app:3
```

```
GNU nano 6.2 deployment.yml *
apiVersion: apps/v1
kind: Deployment
metadata:
  name: react-ecommerce-deployment
  labels:
    app: react-ecommerce
spec:
  replicas: 2
  selector:
    matchLabels:
      app: react-ecommerce
  template:
    metadata:
      labels:
        app: react-ecommerce
    spec:
      containers:
        - name: react-ecommerce
          image: kavinrajje-commerce:latest
          ports:
            - containerPort: 80

apiVersion: v1
kind: Service
metadata:
  name: react-ecommerce-service
spec:
  selector:
    app: react-ecommerce
  ports:
    - protocol: TCP
      port: 80
      targetPort: 80
      nodePort: 30007
  type: NodePort
```

ActivitiesTerminalMar 20 11:45kavin@ubuntu: ~/capstone

```
kavin@ubuntu:~$
kavin@ubuntu:~$ cd capstone/
kavin@ubuntu:~/capstone$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
kavin@ubuntu:~/capstone$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED      SIZE
kavinrajje/commerce  latest      3bb0f581aa86  18 hours ago  195MB
gcr.io/k8s-minikube/kicbase  v0.0.46    e72c4cbe9b29  2 months ago  1.31GB
kavin@ubuntu:~/capstone$ nano deployment.yml
kavin@ubuntu:~/capstone$ ls
build  build.sh  deploy.sh  docker-compose.yml  Dockerfile  Jenkinsfile
kavin@ubuntu:~/capstone$ git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 1.16 KiB | 1.16 MiB/s, done.
From https://github.com/kannancloud001/capstone
   221ba5b..6bf238e  main       -> origin/main
Updating 221ba5b..6bf238e
Fast-forward
 deployment.yml | 37 +++++
 1 file changed, 37 insertions(+)
 create mode 100644 deployment.yml
kavin@ubuntu:~/capstone$ nano deployment.yml
kavin@ubuntu:~/capstone$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:64:e7:e9 brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
        valid_lft 83195sec preferred_lft 83195sec
    inet6 fe80::e9c:cf9e:12b3:7f9f/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 72:98:8d:52:66:ec brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
        valid_lft forever preferred_lft forever
4: br-bbf21b35aae6: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 5e:40:e4:5e:3d:5d brd ff:ff:ff:ff:ff:ff
    inet 192.168.49.1/24 brd 192.168.49.255 scope global br-bbf21b35aae6
        valid_lft forever preferred_lft forever
kavin@ubuntu:~/capstone$
```

Activities

Google Chrome

Mar 20 14:07


Deployment.ym x kavinraj/pipeli x login.docker.co x Docker Pipeline x Personal access x (no subject) - ka x Mk Setup Kubernet x React App x New Tab x

Not secure 192.168.49.2:30007

OnlineShop

Home Login SignUp


OnePlus 9 5G



5.4 inch display 399

Add to Cart


Iphone 13 mini



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Iphone 13 mini



5.4 inch display 399

ActivitiesTerminalMar 20 15:54kavin@ubuntu: ~/capstone

```
kavin@ubuntu:~/capstone$ cd
kavin@ubuntu:~$ neno services.yml
Command 'nenon' not found, did you mean:
  command 'nino' from snap nino (1.3.1)
  command 'nano' from snap nano (7.2+pkg-4057)
  command 'nodo' from snap nodo (master)
  command 'mono' from deb mono-runtime (6.8.0.105+dfsg-3.2)
  command 'nano' from deb nano (6.2-1ubuntu0.1)
See 'snap info <snapname>' for additional versions.
kavin@ubuntu:~$ nano services.yml
kavin@ubuntu:~$ cd capstone/
kavin@ubuntu:~/capstone$ nano services.yml
kavin@ubuntu:~/capstone$ cd
kavin@ubuntu:~$ cd capstone/
kavin@ubuntu:~/capstone$ minikube ip
192.168.49.2
kavin@ubuntu:~/capstone$ curl 192.168.49.2
curl: (7) Failed to connect to 192.168.49.2 port 80 after 0 ms: Connection refused
kavin@ubuntu:~/capstone$ curl 192.168.49.2:30007
<!doctype html><html lang="en"><head><meta charset="utf-8"/><link rel="icon" href="/favicon.ico"/><meta name="viewport" content="width=device-width,initial-scale=1"/><meta name="theme-color" content="#000000"/><meta name="description" content="Web site created using create-react-app"/><link rel="apple-touch-icon" href="/logo192.png"/><link rel="manifest" href="/manifest.json"/><link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous"><link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.10.5/font/bootstrap-icons.css"><title>React App</title><script defer="defer" src="/static/js/main.f1c48542.js"></script><link href="/static/css/main.c
```