

Docker Project 01

Part 1: Creating a Container from a Pulled Image

Part 2: Modifying the Container and Creating a New Image

Part 3: Creating a Dockerfile to Build and Deploy a Web Application

Part 4: Cleaning Up

```
einfochips@AHMLPT2608: ~/training/day3/my-webapp

root@AHMLPT260... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x

einfochips@AHMLPT2608:~/training/day3$ docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
Digest: sha256:67682bda769fae1ccf5183192b8daf37b64cae99c6c3302650f6f8bf5f0f95df
Status: Image is up to date for nginx:latest
docker.io/library/nginx:latest
einfochips@AHMLPT2608:~/training/day3$ docker images
\REPOSITORY TAG IMAGE ID CREATED SIZE
nginx latest fffffc90d343 2 weeks ago 188MB
einfochips@AHMLPT2608:~/training/day3$ docker run --name my-nginx -d -p 8080:80 nginx
2ba3606af631b7021507261144061dc9a0b7896d54a7463f2cc0e40ee5c09a0c
einfochips@AHMLPT2608:~/training/day3$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
2ba3606af631 nginx "/docker-entrypoint..." 18 seconds ago Up 17 seconds 0.0.0.0:8080->80/tcp, :::8080->80/tcp my-nginx
einfochips@AHMLPT2608:~/training/day3$ docker exec -it my-nginx /bin/bash
root@2ba3606af631:/# echo "<html><body><h1>Hello from Docker!</h1></body></html>" > /usr/share/nginx/html/index.html
bash: !: event not found
root@2ba3606af631:/# exit
exit
einfochips@AHMLPT2608:~/training/day3$ docker commit my-nginx custom-nginx
sha256:065b50532a75abc925eb242a505a260480b1b2506cadda496a1f55ade179141b
einfochips@AHMLPT2608:~/training/day3$ docker run --name my-custom-nginx -d -p 8081:80 custom-nginx
86f3611446f58aedd92f547ed6e107401b6491a72ae1046a21dba89128b7ec8b
einfochips@AHMLPT2608:~/training/day3$ mkdir my-webapp
cd my-webapp
einfochips@AHMLPT2608:~/training/day3/my-webapp$ touch index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image
ERROR: "docker buildx build" requires exactly 1 argument.
See 'docker buildx build --help'.

Usage: docker buildx build [OPTIONS] PATH | URL | -

Start a build
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image .
```

```
einfochips@AHMLPT2608: ~/training/day3/my-webapp

root@AHMLPT260... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x
root@2ba3606af631:/# exit
exit
einfochips@AHMLPT2608:~/training/day3$ docker commit my-nginx custom-nginx
sha256:065b50532a75abc925eb242a505a260480b1b2506cadda496a1f55ade179141b
einfochips@AHMLPT2608:~/training/day3$ docker run --name my-custom-nginx -d -p 8081:80 custom-nginx
86f3611446f58aedd92f547ed6e107401b6491a72ae1046a21dba89128b7ec8b
einfochips@AHMLPT2608:~/training/day3$ mkdir my-webapp
cd my-webapp
einfochips@AHMLPT2608:~/training/day3/my-webapp$ touch index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image
ERROR: "docker buildx build" requires exactly 1 argument.
See 'docker buildx build --help'.

Usage: docker buildx build [OPTIONS] PATH | URL | -

Start a build
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image .
[+] Building 0.2s (7/7) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile              0.0s
=> => transferring dockerfile: 217B                             0.0s
=> [internal] load metadata for docker.io/library/nginx:latest  0.0s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 28                                    0.0s
=> [internal] load build context                                0.0s
=> => transferring context: 119B                                  0.0s
=> [1/2] FROM docker.io/library/nginx:latest                   0.1s
=> [2/2] COPY index.html /usr/share/nginx/html/               0.0s
=> exporting to image                                           0.0s
=> => exporting layers                                           0.0s
=> => writing image sha256:fbfcf94239705421999818d855a1eeb3ef22e687435172fa3500b77675cadd07 0.0s
=> => naming to docker.io/library/my-webapp-image              0.0s
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker run --name my-webapp-container -d -p 8082:80 my-webapp-image
e932889e849c266b8da34e57eb35563346f9acbae1728dd0aa13e1f6958724ed
einfochips@AHMLPT2608:~/training/day3/my-webapp$
```

```
einfochips@AHMLPT2608: ~/training/day3/my-webapp

root@AHMLPT260... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x einfochips@AHML... x
Start a build
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image .
[+] Building 0.2s (7/7) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile              0.0s
=> => transferring dockerfile: 217B                             0.0s
=> [internal] load metadata for docker.io/library/nginx:latest  0.0s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 28                                    0.0s
=> [internal] load build context                                0.0s
=> => transferring context: 119B                                  0.0s
=> [1/2] FROM docker.io/library/nginx:latest                   0.1s
=> [2/2] COPY index.html /usr/share/nginx/html/               0.0s
=> exporting to image                                           0.0s
=> => exporting layers                                           0.0s
=> => writing image sha256:fbfcf94239705421999818d855a1eeb3ef22e687435172fa3500b77675cadd07 0.0s
=> => naming to docker.io/library/my-webapp-image              0.0s
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker run --name my-webapp-container -d -p 8082:80 my-webapp-image
e932889e849c266b8da34e57eb35563346f9acbae1728dd0aa13e1f6958724ed
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker stop my-nginx my-custom-nginx my-webapp-container
docker rm my-nginx my-custom-nginx my-webapp-container
my-nginx
my-custom-nginx
my-webapp-container
my-nginx
my-custom-nginx
my-webapp-container
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker rmi nginx custom-nginx my-webapp-image
Untagged: nginx:latest
Untagged: custom-nginx:latest
Deleted: sha256:065b50532a75abc925eb242a505a260480b1b2506cadda496a1f55ade179141b
Deleted: sha256:b55b615924344c3a161f47a473daad27ec06869fd8c61ac66d3ced95f955cc31
Deleted: sha256:ffffffc90d343cbb01a5032edac86db5998c536cd0a366514121a45c6723765c
Untagged: my-webapp-image:latest
Deleted: sha256:fbfcf94239705421999818d855a1eeb3ef22e687435172fa3500b77675cadd07
einfochips@AHMLPT2608:~/training/day3/my-webapp$
```

```
einfochips@AHMLPT2608: ~/training/day3/my-webapp/database

Using default tag: latest
latest: Pulling from library/nginx
Digest: sha256:67682bda769fae1ccf5183192b8daf37b64cae99c6c3302650f6f8bf5f0f95df
Status: Image is up to date for nginx:latest
docker.io/library/nginx:latest
einfochips@AHMLPT2608:~/training/day3$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
nginx latest fffffc90d343 2 weeks ago 188MB
einfochips@AHMLPT2608:~/training/day3$ docker run --name my-nginx -d -p 8080:80 nginx
2ba3606af631b7021507261144061dc9a0b7896d54a7463f2cc0e40ee5c09a0c
einfochips@AHMLPT2608:~/training/day3$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
2ba3606af631 nginx "/docker-entrypoint..." 18 seconds ago Up 17 seconds 0.0.0.0:8080->80/tcp, :::8080->80/tcp my-nginx
einfochips@AHMLPT2608:~/training/day3$ docker exec -it my-nginx /bin/bash
root@2ba3606af631:/# echo "<html><body><h1>Hello from Docker!</h1></body></html>" > /usr/share/nginx/html/index.html
bash: !: event not found
root@2ba3606af631:/# exit
exit
einfochips@AHMLPT2608:~/training/day3$ docker commit my-nginx custom-nginx
sha256:065b50532a75abc925eb242a505a260480b1b2506cadda496a1f55ade179141b
einfochips@AHMLPT2608:~/training/day3$ docker run --name my-custom-nginx -d -p 8081:80 custom-nginx
86f3611446f58aedd92f547ed6e107401b6491a72ae1046a21dba89128b7ec8b
einfochips@AHMLPT2608:~/training/day3$ mkdir my-webapp
cd my-webapp
einfochips@AHMLPT2608:~/training/day3/my-webapp$ touch index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image
ERROR: "docker buildx build" requires exactly 1 argument.
See 'docker buildx build --help'.

Usage: docker buildx build [OPTIONS] PATH | URL | -

Start a build
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image .
[+] Building 0.2s (7/7) FINISHED docker:default
=> [internal] load build definition from Dockerfile 0.0s
=> transferring dockerfile: 217B 0.0s
```

```
einfochips@AHMLPT2608: ~/training/day3/my-webapp/database

root@2ba3606af631:/# exit
exit
einfochips@AHMLPT2608:~/training/day3$ docker commit my-nginx custom-nginx
sha256:065b50532a75abc925eb242a505a260480b1b2506cadda496a1f55ade179141b
einfochips@AHMLPT2608:~/training/day3$ docker run --name my-custom-nginx -d -p 8081:80 custom-nginx
86f3611446f58aedd92f547ed6e107401b6491a72ae1046a21dba89128b7ec8b
einfochips@AHMLPT2608:~/training/day3$ mkdir my-webapp
cd my-webapp
einfochips@AHMLPT2608:~/training/day3/my-webapp$ touch index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image
ERROR: "docker buildx build" requires exactly 1 argument.
See 'docker buildx build --help'.

Usage: docker buildx build [OPTIONS] PATH | URL | -

Start a build
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker build -t my-webapp-image .
[+] Building 0.2s (7/7) FINISHED docker:default
=> [internal] load build definition from Dockerfile 0.0s
=> transferring dockerfile: 217B 0.0s
=> [internal] load metadata for docker.io/library/nginx:latest 0.0s
=> [internal] load .dockerignore 0.0s
=> transferring context: 2B 0.0s
=> [internal] load build context 0.0s
=> transferring context: 119B 0.0s
=> [1/2] FROM docker.io/library/nginx:latest 0.1s
=> [2/2] COPY index.html /usr/share/nginx/html/ 0.0s
=> exporting to image 0.0s
=> exporting layers 0.0s
=> writing image sha256:bfbcf94239705421999818d855a1eeb3ef22e687435172fa3500b77675cadd07 0.0s
=> naming to docker.io/library/my-webapp-image 0.0s
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker run --name my-webapp-container -d -p 8082:80 my-webapp-image
e932889e849c266b8da34e57eb35563346f9acbae1728dd0aa13e1f6958724ed
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker stop my-nginx my-custom-nginx my-webapp-container
docker rm my-nginx my-custom-nginx my-webapp-container
my-nginx
my-custom-nginx
```

```
einfochips@AHMLPT2608: ~/training/day3/my-webapp/database

=> [2/2] COPY index.html /usr/share/nginx/html/ 0.0s
=> exporting to image 0.0s
=> exporting layers 0.0s
=> writing image sha256:fbfcf94239705421999818d855a1eeb3ef22e687435172fa3500b77675cadd07 0.0s
=> naming to docker.io/library/my-webapp-image 0.0s
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker run --name my-webapp-container -d -p 8082:80 my-webapp-image
e932889e849c266b8da34e57eb35563346f9acbae1728dd0aa13e1f6958724ed
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker stop my-nginx my-custom-nginx my-webapp-container
docker rm my-nginx my-custom-nginx my-webapp-container
my-nginx
my-custom-nginx
my-webapp-container
my-nginx
my-custom-nginx
my-webapp-container
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker rmi nginx custom-nginx my-webapp-image
Untagged: nginx:latest
Untagged: nginx@sha256:67682bda769fae1ccf5183192b8daf37b64cae99c6c3302650f6f8bf5f0f95df
Untagged: custom-nginx:latest
Deleted: sha256:065b50532a75abc925eb242a505a260480b1b2506cadda496a1f55ade179141b
Deleted: sha256:b55b615924344c3a161f47a473daad27ec06869fd8c61ac66d3ced95f955cc31
Deleted: sha256:ffffffc90d343cbcb01a5032edac86db5998c536cd0a366514121a45c6723765c
Untagged: my-webapp-image:latest
Deleted: sha256:fbfcf94239705421999818d855a1eeb3ef22e687435172fa3500b77675cadd07
einfochips@AHMLPT2608:~/training/day3/my-webapp$
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
einfochips@AHMLPT2608:~/training/day3/my-webapp$ mkdir frontend backend database
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker network create fullstack-network
87e0479838d79819cf5af99becf0244dcc1867d204d8f474c388ce7c22af3ea4
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker volume create pgdata
pgdata
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano Dockerfile1
einfochips@AHMLPT2608:~/training/day3/my-webapp$ cd database
docker build -t my-postgres-db .
cd ..
[+] Building 0.0s (1/1) FINISHED
```

```
einfochips@AHMLPT2608: ~/training/day3/my-webapp/database

Untagged: nginx:latest
Untagged: nginx@sha256:67682bda769fae1ccf5183192b8daf37b64cae99c6c3302650f6f8bf5f0f95df
Untagged: custom-nginx:latest
Deleted: sha256:065b50532a75abc925eb242a505a260480b1b2506cadda496a1f55ade179141b
Deleted: sha256:b55b615924344c3a161f47a473daad27ec06869fd8c61ac66d3ced95f955cc31
Deleted: sha256:ffffffc90d343cbcb01a5032edac86db5998c536cd0a366514121a45c6723765c
Untagged: my-webapp-image:latest
Deleted: sha256:fbfcf94239705421999818d855a1eeb3ef22e687435172fa3500b77675cadd07
einfochips@AHMLPT2608:~/training/day3/my-webapp$
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
einfochips@AHMLPT2608:~/training/day3/my-webapp$ mkdir frontend backend database
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker network create fullstack-network
87e0479838d79819cf5af99becf0244dcc1867d204d8f474c388ce7c22af3ea4
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker volume create pgdata
pgdata
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano Dockerfile1
einfochips@AHMLPT2608:~/training/day3/my-webapp$ cd database
docker build -t my-postgres-db .
cd ..
[+] Building 0.0s (1/1) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 2B 0.0s
ERROR: failed to solve: failed to read dockerfile: open Dockerfile: no such file or directory
einfochips@AHMLPT2608:~/training/day3/my-webapp$ ls
backend database Dockerfile Dockerfile1 frontend index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ mv Dockerfile1 database/
einfochips@AHMLPT2608:~/training/day3/my-webapp$ ls
backend database Dockerfile frontend index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ cd database/
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ ls
Dockerfile1
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ mv Dockerfile1 Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ ls
Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ docker build -t my-postgres-db .
[+] Building 0.0s (1/1) FINISHED
```

```
einfochips@AHMLPT2608: ~/training/day3/my-webapp/database

einfochips@AHMLPT2608:~/training/day3/my-webapp$
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
einfochips@AHMLPT2608:~/training/day3/my-webapp$ mkdir frontend backend database
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker network create fullstack-network
87e0479838d79819cf5af99becf0244dccc1867d204d8f474c388ce7c22af3ea4
einfochips@AHMLPT2608:~/training/day3/my-webapp$ docker volume create pgdata
pgdata
einfochips@AHMLPT2608:~/training/day3/my-webapp$ nano Dockerfile1
einfochips@AHMLPT2608:~/training/day3/my-webapp$ cd database
docker build -t my-postgres-db .
cd ..
[+] Building 0.0s (1/1) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 28                                0.0s
ERROR: failed to solve: failed to read dockerfile: open Dockerfile: no such file or directory
einfochips@AHMLPT2608:~/training/day3/my-webapp$ ls
backend database Dockerfile Dockerfile1 frontend index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ mv Dockerfile1 database/
einfochips@AHMLPT2608:~/training/day3/my-webapp$ ls
backend database Dockerfile frontend index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ cd database/
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ ls
Dockerfile1
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ mv Dockerfile1 Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ ls
Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ docker build -t my-postgres-db .
[+] Building 202.8s (3/4)                                docker:default
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 139B                                0.0s
=> [internal] load metadata for docker.io/library/postgres:latest 3.1s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 28                                       0.0s
=> [1/1] FROM docker.io/library/postgres:latest@sha256:0aafd2ae7e6c391f39fb6b7621632d79f54068faebc726caf469e87bd1d301c0 199.7s
=> => resolve docker.io/library/postgres:latest@sha256:0aafd2ae7e6c391f39fb6b7621632d79f54068faebc726caf469e87bd1d301c0 0.0s
```

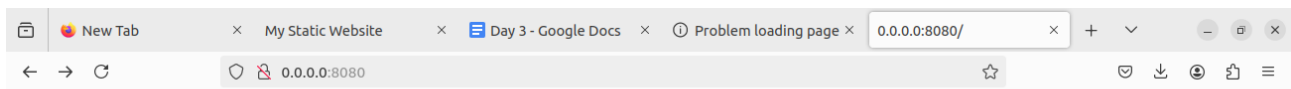
```
einfochips@AHMLPT2608: ~/training/day3/my-webapp/database

=> => transferring dockerfile: 28                                0.0s
ERROR: failed to solve: failed to read dockerfile: open Dockerfile: no such file or directory
einfochips@AHMLPT2608:~/training/day3/my-webapp$ ls
backend database Dockerfile Dockerfile1 frontend index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ mv Dockerfile1 database/
einfochips@AHMLPT2608:~/training/day3/my-webapp$ ls
backend database Dockerfile frontend index.html
einfochips@AHMLPT2608:~/training/day3/my-webapp$ cd database/
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ ls
Dockerfile1
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ mv Dockerfile1 Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ ls
Dockerfile
einfochips@AHMLPT2608:~/training/day3/my-webapp/database$ docker build -t my-postgres-db .
[+] Building 206.2s (3/4)                                docker:default
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 139B                                0.0s
=> [internal] load metadata for docker.io/library/postgres:latest 3.1s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 28                                       0.0s
=> [1/1] FROM docker.io/library/postgres:latest@sha256:0aafd2ae7e6c391f39fb6b7621632d79f54068faebc726caf469e87bd1d301c0 203.1s
=> => resolve docker.io/library/postgres:latest@sha256:0aafd2ae7e6c391f39fb6b7621632d79f54068faebc726caf469e87bd1d301c0 0.0s
=> => sha256:0aafd2ae7e6c391f39fb6b7621632d79f54068faebc726caf469e87bd1d301c0 10.26kB / 10.26kB 0.0s
=> => sha256:76ce212b9153cf6743484a31c2967fd5f284455f8ede2277943f9d92010ffa9e 1.17kB / 1.17kB 0.3s
=> => sha256:d13ef786196545cd69aff1945929fc868712196e195bc66581fb1bfe81649eaf 3.63kB / 3.63kB 0.0s
=> => sha256:6b7a1245fe7148b56315cd314fe4764418e6e4ec1095b4e781e3a60ca6990e64 1.45MB / 1.45MB 8.7s
=> => sha256:f23dc7cd74bd7693fc164fd829b9a7fa1edf8eaaed488c117312aef2a48cafaa 10.09kB / 10.09kB 0.0s
=> => sha256:919ca406a058a0c62788518f39a66257c122ace2007ac6e1425e51846f37e300 4.53MB / 4.53MB 40.6s
=> => extracting sha256:76ce212b9153cf6743484a31c2967fd5f284455f8ede2277943f9d92010ffa9e 0.0s
=> => sha256:8064ffe06c65d307820b1373fd39b16c32929ff2c2cf3c3438077f3409a3e5 8.07MB / 8.07MB 56.4s
=> => sha256:4b5c59f2d82cd85059458a41c01ebe3b5a2c96f1d584b2e24574149ff0406161 1.20MB / 1.20MB 19.4s
=> => sha256:fe72764b907045579a9993c60f23f3213caf82d2ade388988d41ccff9c184f59 116B / 116B 20.0s
=> => sha256:6ef8e2c0f4d924192a8ac20be4b72e17ed0933c5edbf5007a295bf8e77f0e451 3.14kB / 3.14kB 20.5s
=> => sha256:e71fe9d7ff11d95e9c7e54d020428f20e5262263af563100c8df0508820b2707 58.72MB / 109.03MB 203.1s
=> => extracting sha256:919ca406a058a0c62788518f39a66257c122ace2007ac6e1425e51846f37e300 0.1s
=> => sha256:f3225d69190dd8f447a026cdaebfe03d062d04bf51df47f33a30f2088056b921 9.92kB / 9.92kB 41.8s
=> => extracting sha256:6b7a1245fe7148b56315cd314fe4764418e6e4ec1095b4e781e3a60ca6990e64 0.0s
=> => sha256:2bf90d17afc8b5ec96e10e71bb08c75b3f82646c388a8084b3e9de73437b02be 128B / 128B 42.3s
```



```
einfochips@AHMLPT2608: ~/training/day3/my-webapp/backend

[+] Building 1117.4s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 163B
=> [internal] load metadata for docker.io/library/node:latest
=> [internal] load .dockerignore
=> => transferring context: 2B
[1/5] FROM docker.io/library/node:latest@sha256:c8a559f733bf1f9b3c1d05b97d9a9c7e5d3647c99abedaf5cdd3b54c9cbb8eff
=> => resolve docker.io/library/node:latest@sha256:c8a559f733bf1f9b3c1d05b97d9a9c7e5d3647c99abedaf5cdd3b54c9cbb8eff
=> sha256:58b365fa3e8dc16e70d89fab0e91f5242feb38ae3cf6b6655e654209ea109333 24.05MB / 24.05MB
=> sha256:3dbed71fc5444cf6889a21b002de3e7805e810aa88f91a9ca941b4e3880246d1 64.14MB / 64.14MB
=> sha256:c8a559f733bf1f9b3c1d05b97d9a9c7e5d3647c99abedaf5cdd3b54c9cbb8eff 6.41kB / 6.41kB
=> sha256:f5ee4e641452e29a0ed1c0dc9ee8eb90796ca1ebd1f439bb130248548ffed06a 2.49kB / 2.49kB
=> sha256:cd86d0acabd627e36426b1259849c8ee44f2f800b45e38030eedd5033abadf1d 6.60kB / 6.60kB
=> sha256:e9aef93137af6e967e7242f3b3c8ecd8e6f571d1e6fdd9e72db0befeeae3cf13 49.55MB / 49.55MB
=> sha256:ae70830af8b64968596022cd9041ce522f0c77eab5419b19e169b53582c69e3f 211.23MB / 211.23MB
=> extracting sha256:e9aef93137af6e967e7242f3b3c8ecd8e6f571d1e6fdd9e72db0befeeae3cf13
=> sha256:572e7a55de7f456ea9ae48f2cd37245ab1b21832ae1fa679d0f3a215cc86dab7 3.32kB / 3.32kB
=> extracting sha256:58b365fa3e8dc16e70d89fab0e91f5242feb38ae3cf6b6655e654209ea109333
=> sha256:9f45a73683ad62471247db5b99c0df1cfd1d2d68a03fc06f421e3d6e557f08 53.03MB / 53.03MB
=> extracting sha256:3dbed71fc5444cf6889a21b002de3e7805e810aa88f91a9ca941b4e3880246d1
=> sha256:0892d1c8f6930529b7afa2592b0887da6fc713ed26bcca50d8cc4ccf75f3691 1.25MB / 1.25MB
=> sha256:819caf31f4d073fac60e211533d396e30cfe1bc06391ea4bf10ae6d81483b831 448B / 448B
=> extracting sha256:ae70830af8b64968596022cd9041ce522f0c77eab5419b19e169b53582c69e3f
=> extracting sha256:572e7a55de7f456ea9ae48f2cd37245ab1b21832ae1fa679d0f3a215cc86dab7
=> extracting sha256:9f45a73683ad62471247db5b99c0df1cfd1d2d68a03fc06f421e3d6e557f08
=> extracting sha256:0892d1c8f6930529b7afa2592b0887da6fc713ed26bcca50d8cc4ccf75f3691
=> extracting sha256:819caf31f4d073fac60e211533d396e30cfe1bc06391ea4bf10ae6d81483b831
=> [internal] load build context
=> => transferring context: 2.71MB
[2/5] WORKDIR /usr/src/app
[3/5] COPY package*.json ./
[4/5] RUN npm install
[5/5] COPY . .
=> exporting to image
=> => exporting layers
=> => writing image sha256:de93c9fd8ca67b442ebf6a4ace617e6ed0010db4dca05588bf77eef5d9c65943
=> => naming to docker.io/library/my-node-app
einfochips@AHMLPT2608:~/training/day3/my-webapp/backend$
```



Hello from Nginx and Docker!

This is a simple static front-end served by Nginx.

[Fetch Data from Backend](#)

