**How to create a docker image (Node.js )**

download sample app here –

github:- <https://github.com/TechGram-Academy/hello-world-nodejs>

youtube:- https://www.youtube.com/watch?v=VK9IuloiJcM&list=PLjC8JXsSUrriEWdOYqqKuAAFeimGsKc4g&index=7

**Create a Docker file -**

In the main directory of your project, create a file named as **Dockerfile** and write the following lines in that file.

FROM node:18

WORKDIR /usr/src/app

COPY . .

RUN npm install

EXPOSE 5001

CMD [ "node", "app.js" ]

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**Build the docker image -**

open command prompt / terminal, navigate to your project and run the following command -

docker build --tag node-docker .

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To check the image, you can open Docker Desktop or run the following command -

docker images

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**Run the docker image -**

docker run -d -p 5000:5000 node-docker

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**See running images -**

Run the following command -

docker ps

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**Stop running containers**

Check the running container name from above command and use it in the following command to stop the container.

docker stop <container-name>

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**Clean-up Space**

This command removes the unused resources, freeing up space and keeping your system clean.

docker container prune