

Day 17 Task:

Docker Project for DevOps Engineers.

task:

- Create a Dockerfile for a simple web application (e.g. a Node.js or Python app)

```
ubuntu@ip-172-31-92-131: ~/! x + v
FROM node:12.2.0-alpine
WORKDIR app
COPY . .
RUN npm install
EXPOSE 3000
CMD ["node", "app.js"]
~
~
~
~
```

- Build the image using the Dockerfile and run the container

```
added 291 packages from 653 contributors and audited 291 packages in 7.958s
found 6 vulnerabilities (4 high, 2 critical)
  run `npm audit fix` to fix them, or `npm audit` for details
Removing intermediate container 4f07ad555069
---> d8fadba8c845
Step 5/6 : EXPOSE 3000
---> Running in 0e99d51d3809
Removing intermediate container 0e99d51d3809
---> eaadad03c3a7
Step 6/6 : CMD ["node","app.js"]
---> Running in 477fcd5dfdb1
Removing intermediate container 477fcd5dfdb1
---> 645a4146c396
Successfully built 645a4146c396
Successfully tagged rishikeshops/node-todo-app:latest
ubuntu@ip-172-31-92-131:~/90daysofdevops/Projects/Node-CICD-TODO$ docker run -d -p 8000:3000 rishikeshops/node-todo-app:latest
ef0696caf41d4811a4fe9cb3f5b3fd19a2ad08abdf38fa5c7918ad436f2fa470
ubuntu@ip-172-31-92-131:~/90daysofdevops/Projects/Node-CICD-TODO$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
ef0696caf41d   rishikeshops/node-todo-app:latest   "node app.js"          5 seconds ago Up 5 seconds   0.0.0.0:8000->3000/tcp
, :::8000->3000/tcp   xenodochial_fermi
```

- Verify that the application is working as expected by accessing it in a web browser




Todo List

Add☐ successfully deployed nodejs app☒ tgd☒ -Send Resume Google now!☒ Hacktoberfest Updates

- Push the image to a public or private repository (e.g. Docker Hub)

Wasm is a fast, light alternative to Linux containers – try it out to

 **docker hub**

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