

# |CHECKPOINT 2|

# |DEVOPS & CLOUD|

## DOCKER UTILIZANDO NODE



### Integrantes

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## PRINTS

Dockerfile:

```
Dockerfile X
C: > Users > Guilherme > cp2_devops > Dockerfile
1 FROM node:lts-alpine3.19
2
3 USER node
4
5 WORKDIR /app-money
6
7 COPY . .
8
9 EXPOSE 3000
10
11 CMD ["node", "App.js"]
```

### Criação da Imagem:

```
C:\Users\Guilherme\cp2_devops>docker build -t dimmoney-noderm99577 .
2024/04/23 17:17:42 http2: server: error reading preface from client //./pipe/docker_engine: file has already been closed
[+] Building 1.5s (9/9) FINISHED
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 149B 0.0s
=> [internal] load metadata for docker.io/library/node:lts-alpine3.19 1.2s
=> [auth] library/node:pull token for registry-1.docker.io 0.0s
=> [internal] load .dockerignore 0.1s
=> => transferring context: 2B 0.0s
=> [1/3] FROM docker.io/library/node:lts-alpine3.19@sha256:ec0c413b1d84f3f7f67ec986ba885930c57b5318d2eb3abc6960e 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 57B 0.0s
=> CACHED [2/3] WORKDIR /app-money 0.0s
=> CACHED [3/3] COPY . . 0.0s
=> exporting to image 0.0s
=> => exporting layers 0.0s
=> => writing image sha256:4230649d8d0c015bea8ef359aeb8876b90c06424f460e056a29995d5a2368712 0.0s
=> => naming to docker.io/library/dimmoney-noderm99577 0.0s

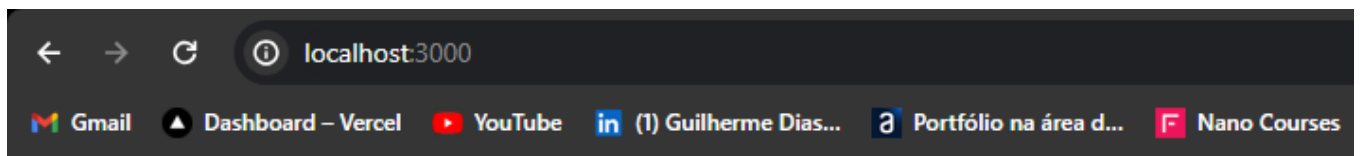
What's Next?
View a summary of image vulnerabilities and recommendations → docker scout quickview
```

### Execução Docker Container Run:

```
C:\Users\Guilherme\cp2_devops>docker container run -d --name dimmoney-node-rm99577 -p 3000:3000 -v volumecp2:/app-money dimmoney-noderm99577
a9d81a40539d5727866503537cde49ce8eaa05dc1a96d746aa1e04e3bdb5e841

C:\Users\Guilherme\cp2_devops>
```

### Print da Aplicação Rodando na WEB:



**Implantacao efetuada com sucesso. Bom trabalho!**

### Print Redeploy:

```
const server = http.createServer((req, res) => {
  res.writeHead(200, { 'Content-Type': 'text/html' });
  res.end('<h1>Implantacao efetuada com sucesso. Bom trabalho!.</h1>');
});
```

```
C:\Users\Guilherme\cp2_devops>docker build -t dimmoney-noderm99577 .
```

```
C:\Users\Guilherme\cp2_devops>docker volume create volumecp2
volumecp2
```

```
C:\Users\Guilherme\cp2_devops>docker container run -d --name dimmoney-node-rm99577 -p 3000:3000 -v volumecp2:/app-money dimmoney-noderm99577
7bcd858934325fe044f31f4f14decdbb5755868ab9b1c45b7e6d96e6b56083f7
```