

Отчет по Docker

1. Установила докер с официального сайта

```
C:\Users\Sofie>docker --version
Docker version 29.1.3, build f52814d
```

2. Запустила контейнер с пустым веб-сервером nginx

```
C:\Users\Sofie>docker run -d --name my-nginx -p 8080:80 nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
d6799cf0ce70: Pull complete
a2b008488679: Pull complete
dcea87ab9c4a: Pull complete
99ae2d6d05ef: Pull complete
35df28ad1026: Pull complete
d03ca78f31fe: Pull complete
02d7611c4eae: Pull complete
ba7af65e8f34: Download complete
9f8c63d0a0c1: Download complete
Digest: sha256:ca871a86d45a3ec6864dc45f014b11fe626145569ef0e74deaffc95a3b15b430
Status: Downloaded newer image for nginx:latest
161eb5b6f338ba34e1477f903245e53e9131450dc1c794fe8526f6683d4a590e
```

3. Посмотрела через терминал и в приложении

```
C:\Users\Sofie>docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
161eb5b6f338   nginx    "/docker-entrypoint..." 34 minutes ago Up 34 minutes  0.0.0.0:8080->80/tcp, [::]:8080->80/tcp  my-nginx
C:\Users\Sofie>
```

The screenshot shows the Docker Desktop application window. The left sidebar contains navigation options: Containers (selected), Images, Volumes, Kubernetes, Builds, Models, MCP Toolkit, Docker Hub, Docker Scout, and Extensions. The main area displays the 'Containers' tab with a summary of CPU and memory usage. Below this is a table of running containers. The 'my-nginx' container is listed with ID 161eb5b6f338, image nginx, and port 8080:80. At the bottom, there are 'Walkthroughs' for 'Multi-container applications' and 'Containerize your application'. The status bar at the very bottom shows 'Engine running', system resources (RAM 0.79 GB, CPU 0.25%, Disk 1.61 GB used), and the version 'v4.55.0'.

Container ID	Image	Command	Created	Status	Ports	Names
161eb5b6f338	nginx	"/docker-entrypoint..."	34 minutes ago	Up 34 minutes	0.0.0.0:8080->80/tcp, [::]:8080->80/tcp	my-nginx

Name	Container ID	Image	Port(s)	CPU (%)	Actions
my-nginx	161eb5b6f338	nginx	8080:80	0%	[Restart] [Stop] [Delete]

4. Проверила работу в браузере (http://localhost:8080/)

