

site-gerador-saudacoes

Construindo imagem Docker

```
E:\PROJETOS\devops_avanti\aula05_desafio\site-gerador-saudacoes>docker build -t andreazevedo80/gerador-saudacoes:1.0 .
[+] Building 3.9s (8/8) FINISHED
=> [internal] load .dockerignore                                docker:default 0.1s
=> => transferring context: 2B                                  0.0s
=> [internal] load build definition from Dockerfile             0.1s
=> => transferring dockerfile: 260B                             0.0s
=> [internal] load metadata for docker.io/library/nginx:alpine 2.9s
=> [auth] library/nginx:pull token for registry-1.docker.io    0.0s
=> [internal] load build context                                0.1s
=> => transferring context: 32B                                  0.0s
=> [1/2] FROM docker.io/library/nginx:alpine@sha256:b2e814d28359e77bd0aa5fed1939620075e4ffa0eb20423cc557b375bd5c14ad 0.0s
=> CACHED [2/2] COPY ./index.html /usr/share/nginx/html/index.html 0.0s
=> exporting to image                                           0.1s
=> => exporting layers                                           0.0s
=> writing image sha256:35ee07161352a45b73aa6ffef6bde5eb960cd5bb8164a2c5cacac25e8db18f99 0.0s
=> => naming to docker.io/andreazevedo80/gerador-saudacoes:1.0 0.0s
```

Images [Give feedback](#)

Local Hub Artifactory [EARLY ACCESS](#)

0 Bytes / 539.76 MB in use 1 images Last refresh: 2 hours ago

<input type="checkbox"/>	Name	Tag	Status	Created	Size	Actions
<input type="checkbox"/>	andreazevedo80/gerador-saudacoes	1.0	Unused	25 minutes ag	52.48 MB	▶ ⋮ 🗑
	35ee07161352					

Rodando e testando a Imagem Localmente:

```
E:\PROJETOS\devops_avanti\aula05_desafio\site-gerador-saudacoes>docker run -d -p 8080:80 andreazevedo80/gerador-saudacoes:1.0
a521157dcfb3dcbcee646545a4a181584333253b0d3243670ef1ea035c7d6aef
```

```
E:\PROJETOS\devops_avanti\aula05_desafio\site-gerador-saudacoes>docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS                    NAMES
a521157dcfb3  andreazevedo80/gerador-saudacoes:1.0 "/docker-entrypoint..." 56 seconds ago Up 54 seconds 0.0.0.0:8080->80/tcp    crazy_sanderson
```

Images [Give feedback](#)

Local Hub Artifactory [EARLY ACCESS](#)

52.48 MB / 539.76 MB in use 1 images Last refresh: 2 hours ago

<input type="checkbox"/>	Name	Tag	Status	Created	Size	Actions
<input type="checkbox"/>	andreazevedo80/gerador-saudacoes	1.0	In use	26 minutes ag	52.48 MB	▶ ⋮ 🗑
	35ee07161352					

Enviando a Imagem para o Docker Hub

```
E:\PROJETOS\devops_avanti\aula05_desafio\site-gerador-saudacoes>docker login
Authenticating with existing credentials...
Login Succeeded

E:\PROJETOS\devops_avanti\aula05_desafio\site-gerador-saudacoes>docker push andreazevedo80/gerador-saudacoes:1.0
The push refers to repository [docker.io/andreazevedo80/gerador-saudacoes]
0486a07abfae: Pushed
640e06e412a9: Pushed
bd66bdd2f47f: Pushed
4f313ed230a0: Pushed
36acb230000e: Pushed
2aaacff968bc: Pushed
bbbd2d1aea89: Pushed
7b97c641cb43: Pushed
fd2758d7a50e: Pushed
1.0: digest: sha256:d052af052489174eba7cafbffc4713138f5fe291c24c324395367f5ca62e109b size: 2197
```

My Hub

Repositories / gerador-saudacoes / General

andreazevedo80/gerador-saudacoes

Last pushed 2 minutes ago • Repository size: 21.4 MB

Repositório criado para o desafio da aula_05 do bootcamp Avanti_DevOps.

Add a category

General

Tags

Image Management BETA

Collaborators

Webhooks

Settings

Tags

DOCKER SCOUT INACTIVE

Activate

This repository contains 0 tag(s).

Tag	OS	Type	Pulled	Pushed
1.0		Image	less than 1 day	2 minutes

See all

ms-pessoas-aleatorias

Construir a Imagem Docker

```
=> => extracting sha256:3da95a985ed546f99c4564407923a681757d89651a388ec3f1f5e9bf5ed0b39d 16.2s
=> => extracting sha256:e76888448fef8806c49e7438c5ea222b2883da9e1a3e7a8f8fe207f9eade79e3 1.3s
=> => extracting sha256:29fc64be73415f7dc67858b8564d51e731d96f3d9f5466a479aadd08f62fbaa2 7.2s
=> => extracting sha256:0fe95cb712c4580a50adcc8e7f597abfcde47afc75c02bf8b116ab73b307fb8f 0.0s
=> [internal] load build context 1.5s
=> => transferring context: 62.61kB 1.3s
=> [builder 2/5] WORKDIR /app 1.1s
=> [builder 3/5] RUN pip install --upgrade pip 16.8s
=> [builder 4/5] COPY requirements.txt . 0.2s
=> [builder 5/5] RUN pip wheel --no-cache-dir --wheel-dir /app/wheels -r requirements.txt 26.3s
=> [stage-1 3/5] COPY --from-builder /app/wheels /app/wheels 2.0s
=> [stage-1 4/5] COPY . . 0.3s
=> [stage-1 5/5] RUN pip install --no-cache-dir /app/wheels/* 20.4s
=> exporting to image 2.9s
=> => exporting layers 2.6s
=> => writing image sha256:2f54e33357e5360ac00d7839652ce2af0231f6f6080936fd10bac6ed62373e4d 0.2s
=> => naming to docker.io/andreazevedo80/ms-pessoas-aleatorias:1.0 0.1s
```

Images [Give feedback](#)

Local Hub Artifactory **EARLY ACCESS**

52.48 MB / 539.76 MB in use 2 images Last refresh: 2 hours ago

<input type="checkbox"/>	Name	Tag	Status	Created	Size	Actions
<input type="checkbox"/>	andreazevedo80/ms-pessoas-aleatorias 2f54e33357e5	1.0	Unused	6 seconds ago	173.8 MB	
<input type="checkbox"/>	andreazevedo80/gerador-saudacoes 35ee07161352	1.0	In use	36 minutes ago	52.48 MB	

Executar e Testar o Container Local

```
E:\PROJETOS\devops_avanti\aula05_desafio\ms-pessoas-aleatorias>docker run -d -p 8000:8000 --name api-pessoas andreazevedo80/ms-pessoas-aleatorias:1.0
f488592b5445298d30610002fce742e107b1b006be6a5b3f5699d2bf728b8139
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
f488592b5445	andreazevedo80/ms-pessoas-aleatorias:1.0	"uvicorn main:app --..."	About a minute ago	Up About a minute	0.0.0.0:8000->8000/tcp
a521157dcfb3	andreazevedo80/gerador-saudacoes:1.0	"/docker-entrypoint..."	13 minutes ago	Up 13 minutes	0.0.0.0:8000->80/tcp
crazy_sanderson					

Containers [Give feedback](#)

Container CPU usage 0.27% / 400% (4 cores available) Container memory usage 53.44MB / 3.68GB [Show charts](#)

☒ Only show running containers

<input type="checkbox"/>	Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
<input type="checkbox"/>	crazy_sanderson a521157dcfb3	andreazevedo80/gerador-sa	Running	0%	8080:80	14 minutes ago	
<input type="checkbox"/>	api-pessoas f488592b5445	andreazevedo80/ms-pessoas	Running	0.27%	8000:8000	2 minutes ago	

Testando documentação Interativa

API de Pessoas Aleatórias 1.0.0 OAS 2.1

/openapi.json

Uma API simples para cadastrar e sortear pessoas.

Pessoas

POST /pessoas/ Criar Pessoa

GET /pessoas/aleatoria/ Obter Pessoa Aleatoria

Schemas

HTTPValidationError > Expand all object

Pessoa > Expand all object

PessoaCreate > Expand all object

ValidationError > Expand all object

Testando Endpoint de Sorteio

< > ↻ VPN 🌐 localhost:8000/pessoas/aleatoria/

Estilos de formatação ☐

```
{"id":7,"nome":"Gabriela"}
```


Enviando a imagem para o Docker hub



```
E:\PROJETOS\devops_avanti\aula05_desafio\ms-pessoas-aleatorias>docker push andreazevedo80/ms-pessoas-aleatorias:1.0
The push refers to repository [docker.io/andreazevedo80/ms-pessoas-aleatorias]
09ef188b8eca: Pushed
ed07efbab32c: Pushed
2fc2befb1ada: Pushed
f2031d74ed1d: Pushed
d5daeee22305: Mounted from library/python
b0a24e579250: Mounted from library/python
5bc401c951c3: Mounted from library/python
1bb35e8b4de1: Mounted from library/python
1.0: digest: sha256:3563dc57f9e16ec131f7180430a4b805df114f7a8d3d3187de09ccdb624a2fe0 size: 1997
```

[Repositories](#) / [ms-pessoas-aleatorias](#) / [General](#)

andreazevedo80/ms-pessoas-aleatorias


Last pushed 1 minute ago · Repository size: 63.4 MB

Repositório criado para o desafio da aula_05 do bootcamp Avanti_DevOps. 

Add a category  

General Tags Image Management **BETA** Collaborators Webhooks Settings

Tags

 DOCKER SCOUT INACTIVE
[Activate](#)

This repository contains 0 tag(s).

Tag	OS	Type	Pulled	Pushed
 1.0		Image	less than 1 day	1 minute

[See all](#)

ms-saudacoes-aleatorias

Construindo a Imagem Docker

```
=> => extracting sha256:a8f67fead7e33763b5fa924cb2e4644bbf5332ed056eb32ba0bcd3bdb68eea3b 56.1s
=> => extracting sha256:d891a8207b1f09d068f1f787a771d851e423291e483283c95905fbabd385f 0.0s
=> => extracting sha256:4f4fb700ef54461cfa02571ae0db9a0dc1e0cdb5577484a6d75e68dc38e8acc1 0.0s
=> [internal] load build context 1.9s
=> => transferring context: 71.93kB 1.2s
=> [stage-1 2/3] WORKDIR /app 2.1s
=> [builder 2/7] RUN apk add --no-cache build-base gcc 38.7s
=> [builder 3/7] WORKDIR /app 0.1s
=> [builder 4/7] COPY go.mod go.sum ./ 0.2s
=> [builder 5/7] RUN go mod download 36.2s
=> [builder 6/7] COPY . . 0.9s
=> [builder 7/7] RUN CGO_ENABLED=1 GOOS=linux go build -a -installsuffix cgo -o /app/main . 514.9s
=> [stage-1 3/3] COPY --from=builder /app/main . 3.6s
=> exporting to image 2.5s
=> => exporting layers 2.3s
=> => writing image sha256:ca9463dce3684633db2d7ad8fe57bc6b6c2290a33561cd1514acd882f551633f 0.0s
=> => naming to docker.io/andreazevedo80/ms-saudacoes-aleatorias:1.0 0.1s
```

Images [Give feedback](#)

Local Hub Artifactory **EARLY ACCESS**

226.28 MB / 539.76 MB in use 3 images Last refresh: 3 hours ago

<input type="checkbox"/>	Name	Tag	Status	Created	Size	Actions
<input type="checkbox"/>	andreazevedo80/ms-saudacoes-aleatorias ca9463dce368	1.0	Unused	6 seconds ago	34.92 MB	▶
<input type="checkbox"/>	andreazevedo80/ms-pessoas-aleatorias 2f54e33357e5	1.0	In use	24 minutes ago	173.8 MB	▶
<input type="checkbox"/>	andreazevedo80/gerador-saudacoes 35ee07161352	1.0	In use	1 hour ago	52.48 MB	▶

Executar e Testar o Container Local

```
E:\PROJETOS\devops_avanti\aula05_desafio\ms-saudacoes-aleatorias>docker run -p 8080:8080 --name saudacoes-app andreazevedo80/ms-saudacoes-aleatorias:1.0
2025/07/01 15:47:45 Banco de dados vazio. Inserindo saudações iniciais...
2025/07/01 15:47:45 Carga inicial de saudações inserida com sucesso!
[GIN-debug] [WARNING] Creating an Engine instance with the Logger and Recovery middleware already attached.

[GIN-debug] [WARNING] Running in "debug" mode. Switch to "release" mode in production.
- using env:   export GIN_MODE=release
- using code:  gin.SetMode(gin.ReleaseMode)

[GIN-debug] POST   /api/saudacoes      --> github.com/avanti-dvp/ms-saudacoes-aleatorias/handlers.CreateGreeting (4 handlers)
[GIN-debug] GET    /api/saudacoes/aleatorio --> github.com/avanti-dvp/ms-saudacoes-aleatorias/handlers.GetRandomGreeting (4 handlers)
[GIN-debug] [WARNING] You trusted all proxies, this is NOT safe. We recommend you to set a value.
Please check https://pkg.go.dev/github.com/gin-gonic/gin#readme-don-t-trust-all-proxies for details.
[GIN-debug] Listening and serving HTTP on :8080
[GIN] 2025/07/01 - 15:48:33 | 200 | 16.736313ms | 172.17.0.1 | GET      "/api/saudacoes/aleatorio"
```



```
E:\PROJETOS\devops_avanti\aula05_desafio\ms-saudacoes-aleatorias>docker ps
CONTAINER ID   IMAGE                                     COMMAND                  CREATED        STATUS        PORTS                               NAMES
AMES
a1e1078f7d2c   andreazevedo80/ms-saudacoes-aleatorias:1.0   "/main"                 3 minutes ago   Up 4 seconds   0.0.0.0:8080->8080/tcp             saudacoes-app
2d57e6929ed0   andreazevedo80/gerador-saudacoes:1.0         "/docker-entrypoint..." 3 minutes ago   Up 3 minutes   0.0.0.0:8089->80/tcp               uizzical_yonath
f488592b5445   andreazevedo80/ms-pessoas-aleatorias:1.0     "uvicorn main:app --..." 50 minutes ago   Up 50 minutes   0.0.0.0:8000->8000/tcp             pi-pessoas
```

Containers

[Give feedback](#)

Container CPU usage ⓘ
0.22% / 400% (4 cores available)

Container memory usage ⓘ
60.01MB / 3.68GB

🔍 Search

☰

Only show running containers

<input type="checkbox"/>	Name	Image	Status	CPU (%)	Port(s)	Last started
<input type="checkbox"/>	<div>api-pessoas</div> <div>f488592b5445</div>	andreazevedo80/ms-pessoa	Running	0.22%	8000:8000	51 minutes ago
<input type="checkbox"/>	<div>quizzical_yonath</div> <div>2d57e6929ed0</div>	andreazevedo80/gerador-sa	Running	0%	8089:80	4 minutes ago
<input type="checkbox"/>	<div>saudacoes-app</div> <div>a1e1078f7d2c</div>	andreazevedo80/ms-saudac	Running	0%	8080:8080	26 seconds ago

Teste da aplicação

```
E:\PROJETOS\devops_avanti\aula05_desafio\ms-saudacoes-aleatorias>curl http://localhost:8080/api/saudacoes/aleatorio
{"saudação":"Olá"}
```

Cadastrar uma nova saudação

```
E:\PROJETOS\devops_avanti\aula05_desafio\ms-saudacoes-aleatorias>curl -X POST -H "Content-Type: application/json" -d '{"text":"Docker é incrível"}' http://localhost:8080/api/saudacoes
{"data":{"ID":10,"CreatedAt":"2025-07-01T15:58:43.412564338Z","UpdatedAt":"2025-07-01T15:58:43.412564338Z","DeletedAt":null,"text":"Docker é incrível"}}
```

Enviando a imagem para o Docker hub

```
E:\PROJETOS\devops_avanti\aula05_desafio\ms-saudacoes-aleatorias>docker push andreazevedo80/ms-saudacoes-aleatorias:1.0
The push refers to repository [docker.io/andreazevedo80/ms-saudacoes-aleatorias]
27f3754f1940: Pushed
5250a217602f: Pushed
fd2758d7a50e: Mounted from andreazevedo80/gerador-saudacoes
1.0: digest: sha256:586c0d760171ad0ee7c882802a7a569eb06a30992b83fce04167ce7774fc1c1d size: 946
```

Repositories / ms-saudacoes-aleatorias / General

andreazevedo80/ms-saudacoes-aleatorias

Last pushed less than a minute ago · Repository size: 17.5 MB

Repositório criado para o desafio da aula_05 do bootcamp Avanti_DevOps.

Add a category

General

Tags

Image Management

Collaborators

Webhooks

Settings

Tags

DOCKER SCOUT INACTIVE

This repository contains 0 tag(s).

Tag	OS	Type	Pulled	Pushed
1.0		Image	less than 1 day	less than a minute

Usando Docker Compose

EXPLORADOR

EDITOR ABERTO

docker-compose.yaml

AULA05_DESAFIO

evidencias

ms-pessoas-aleatorias

ms-saudacoes-aleatorias

site-gerador-saudacoes

docker-compose.yaml

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

services: 1
 site: 2
 image: andreazevedo/gerador-saudacoes:1.0 3
 ports: 4
 - "8089:80" 5
 depends_on: 6
 - ms-pessoas-aleatorias 7
 - ms-saudacoes-aleatorias 8
 networks: 9
 - backend 10
 ms-pessoas-aleatorias: 11
 image: andreazevedo80/ms-pessoas-aleatorias:1.0 12
 ports: 13
 - "8000:8000" 14
 networks: 15
 - backend 16
 ms-saudacoes-aleatorias: 17
 image: andreazevedo80/ms-saudacoes-aleatorias:1.0 18
 ports: 19
 - "8080:8080" 20
 networks: 21
 - backend 22
networks: 23
 backend: {} 24
 25
 26
 27

PROBLEMAS SAÍDA CONSOLE DE DEBURAÇÃO PORTAS TERMINAL GITLENS NUGET AZURE

Pasta de E:\PROJETOS\devops_avanti\aula05_desafio

01/07/2025 13:10 <DIR> . 1
01/07/2025 13:10 <DIR> .. 2
01/07/2025 13:10 535 docker-compose.yaml 3
01/07/2025 11:24 <DIR> evidencias 4
01/07/2025 11:56 <DIR> ms-pessoas-aleatorias 5
01/07/2025 12:10 <DIR> ms-saudacoes-aleatorias 6
01/07/2025 11:22 <DIR> site-gerador-saudacoes 7
1 arquivo(s) 535 bytes 8
6 pasta(s) 158.588.727.296 bytes disponíveis 9
E:\PROJETOS\devops_avanti\aula05_desafio\ 10

PROBLEMAS SAÍDA CONSOLE DE DEBURAÇÃO PORTAS TERMINAL GITLENS NUGET AZURE

[+] Building 0.0s (0/0) docker:default 1
[+] Running 4/4 2
✓ Network aula05_desafio_backend Created 0.7s 3
✓ Container aula05_desafio-ms-saudacoes-aleatorias-1 Started 0.4s 4
✓ Container aula05_desafio-ms-pessoas-aleatorias-1 Started 0.4s 5
✓ Container aula05_desafio-site-1 Started 0.3s 6

E:\PROJETOS\devops_avanti\aula05_desafio>docker ps 7

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES 8

4cd6bbc53f91 andreazevedo/gerador-saudacoes:1.0 "/docker-entrypoint..." 31 seconds ago Up 25 seconds 0.0.0.0:8089->80/tcp aula05_desafio-s 9

ite-1 10

422a85988e51 andreazevedo80/ms-saudacoes-aleatorias:1.0 "/main" 32 seconds ago Up 28 seconds 0.0.0.0:8080->8080/tcp aula05_desafio-m 11

s-saudacoes-aleatorias-1 12

985bf8f1fa07 andreazevedo80/ms-pessoas-aleatorias:1.0 "uvicorn main:app --..." 32 seconds ago Up 28 seconds 0.0.0.0:8000->8000/tcp aula05_desafio-m 13

s-pessoas-aleatorias-1 14

Containers [Give feedback](#)

Container CPU usage ⓘ

0.35% / 400% (4 cores available)

Container memory usage ⓘ

59.09MB / 3.68GB

Show charts ▾

🔍 Search

☰

☑ Only show running containers

<input type="checkbox"/>	Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
<input type="checkbox"/>	aula05_desafio		Running (3/3)	0.35%		3 minutes ago	
<input type="checkbox"/>	ms-pessoas-ale	andreazevedo	Running	0.35%	8000:8000	3 minutes ago	
<input type="checkbox"/>	ms-saudacoes-	andreazevedo	Running	0%	8080:8080	3 minutes ago	
<input type="checkbox"/>	site-1	andreazevedo	Running	0%	8089:80	3 minutes ago	

