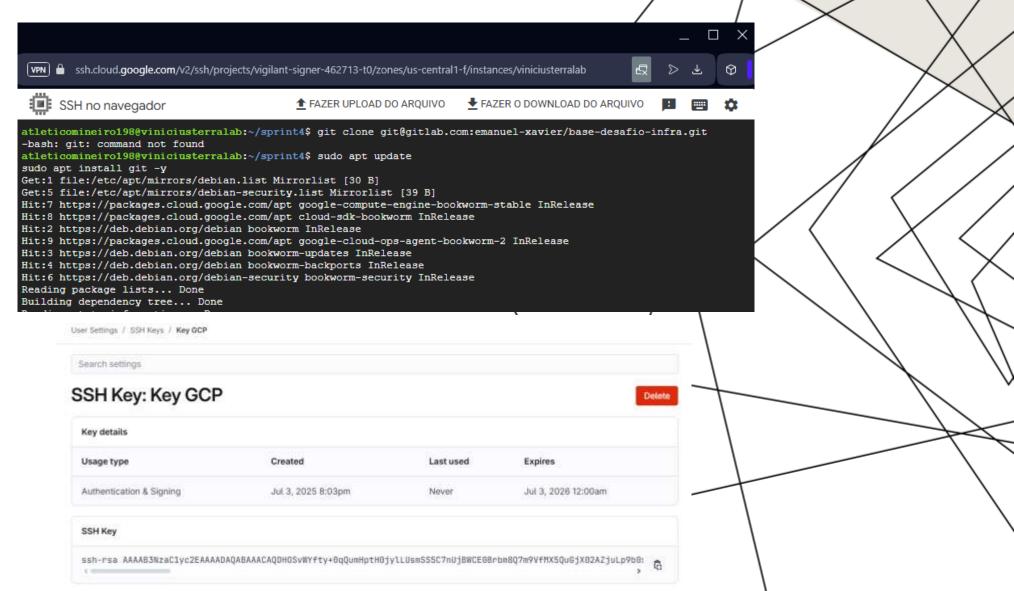


PREPARANDO O AMBIENTE E CRIANDO CHAVE SSH



SSH no navegador



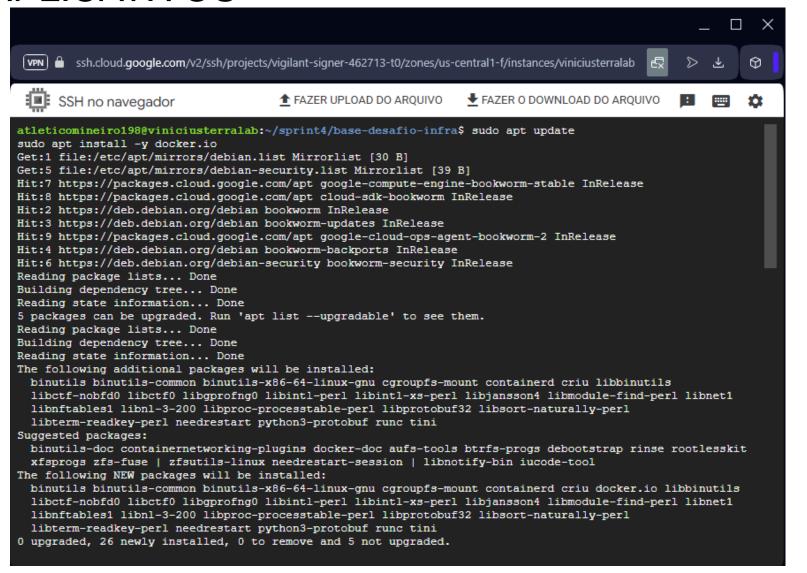


```
atleticomineiro198@viniciusterralab:~/sprint4$ ls ~/.ssh/id rsa.pub
ls: cannot access '/home/atleticomineiro198/.ssh/id rsa.pub': No such file or directory
atleticomineiro198@viniciusterralab:~/sprint4$ ssh-keygen -t rsa -b 4096 -C "viniciusterralab@gmail.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/atleticomineiro198/.ssh/id rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/atleticomineiro198/.ssh/id rsa
Your public key has been saved in /home/atleticomineiro198/.ssh/id rsa.pub
The key fingerprint is:
SHA256:AvdNL+/1XAqACvHNnDn4qcOyTHeIPkQTXB9nA27AeF0 viniciusterralab@gmail.com
The key's randomart image is:
+---[RSA 4096]----+
    . +o.ooE
    + 0+.+ .
    00. + .
    o= B * .
    ...+ S + .
    .0 = 0 +
    .0.+ + 0 . .
    +0.00 . 0 +.|
     ++.. . . 0
+----[SHA256]----+
atleticomineiro198@viniciusterralab:~/sprint4$ cat ~/.ssh/id rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAACAQDHOSvWYfty+0qQumHptH0jylLUsmSS5C7nUjBWCE08rbm8Q7m9VfMX5QuGjX02AZjuLp9b0xfpv
wu1coXpp2zF9hu3MXRknMkjW32KbnSqlqa4wyTqlMvnu4Eu5c9TcvEEJHV8+t4x4dl8kFgyaQ5oKbHnAbRppLhBKvwFmyCLORye06GmXjFJ7XDXc3
7kiZZ/cHdP4M5QJ4ivu5T0RVTmSxP6CTtsk1otCLwmkbGy7u+P+OIL+U12rFLt/+ebIYy2BCG5oaGMFQtNWCVZwgGHcDxQvNy9cjsnB09JT1D1bgr
tEjsJIn/pgXNyrFn+dKZZyYHrLicWy0VwBOSE6BLf4ggVE2nrHb+QwdV/Y9Gy3ggpjVNEHx6z3fkZ+hVzaxYyvI+gopFA0NDgKpz3PhxoMJZpLhLd
QREAzPwgvEwSc85/kr3JwfII1UNwOIt1HsSV9FQRVsutq51SBpP12NQKwPgpoifX9jWLqVGKkIUOcSh5fLmKJRgqtpkT1xCB9Zt/1DdsDIAvzjF8e
uJftKcuu7uSk7JGscFwnP7f4DeFx2n1C0048sLm2rGwL09gnZog1Vb03XPXFX1PWTs+n6QLs59oHrd6d0u0icNB2F+rHMWgnMRpuBhp0y8g9usrmg
```

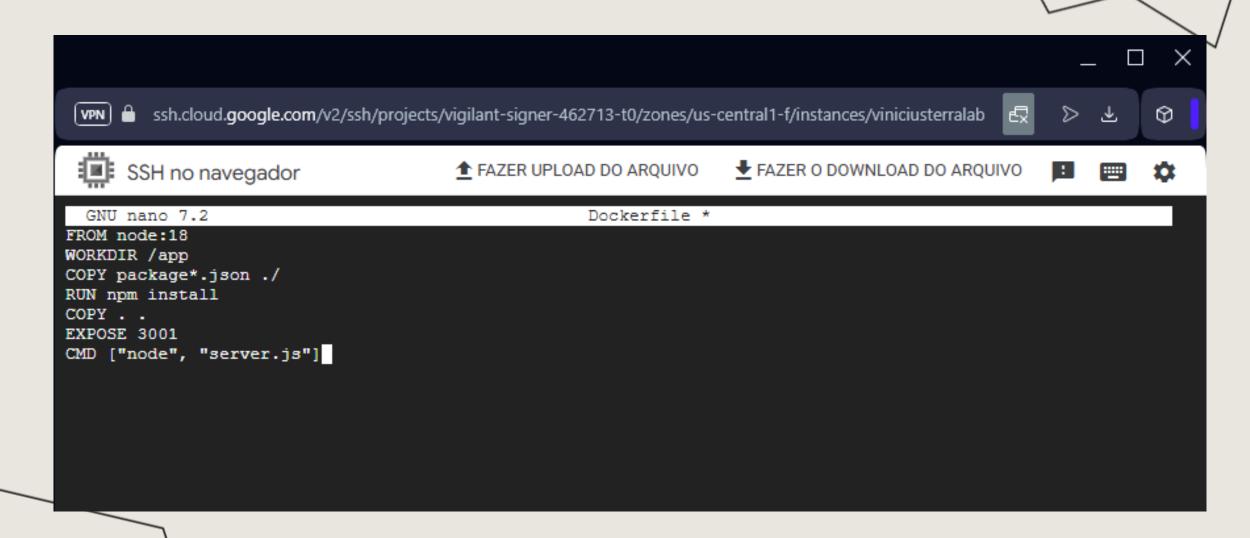
vt5WS2/jsKcH7NZWBzUW00XjZGWouGXj+PKcTUD/sMfw== viniciusterralab@gmail.com

atleticomineiro198@viniciusterralab:~/sprint4\$

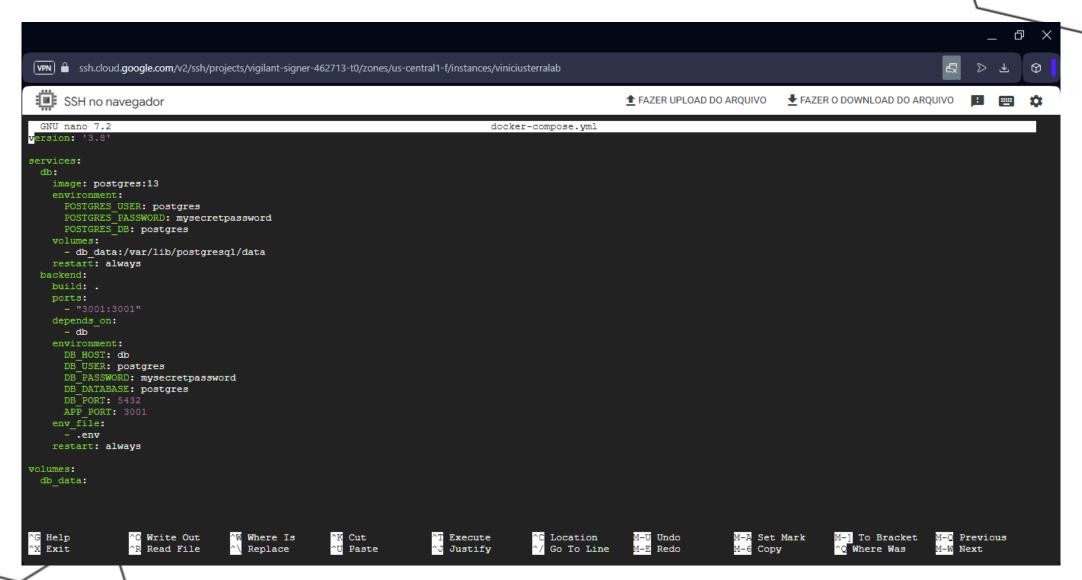
INSTALANDO DEPENDÊNCIAS E APLICATIVOS



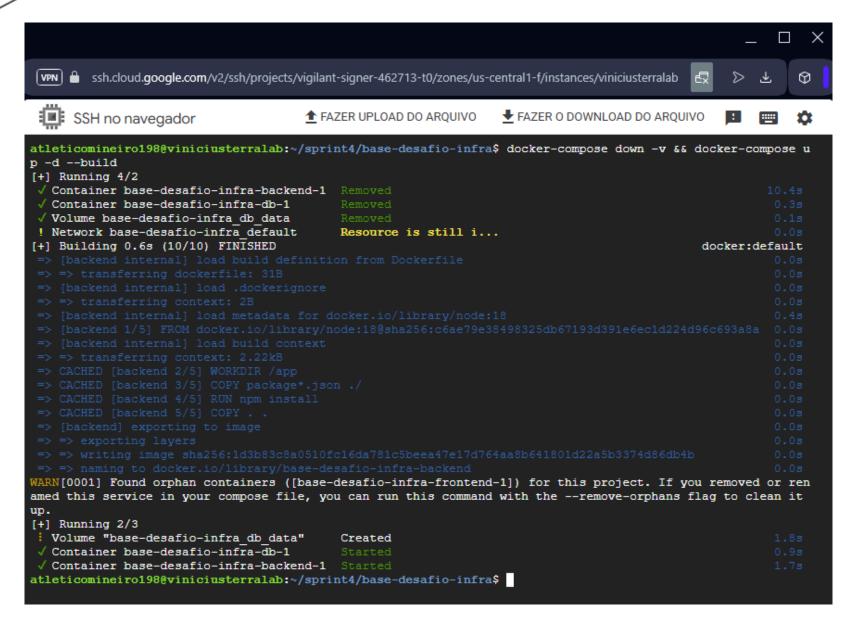
MONTANDO O DOCKERFILE



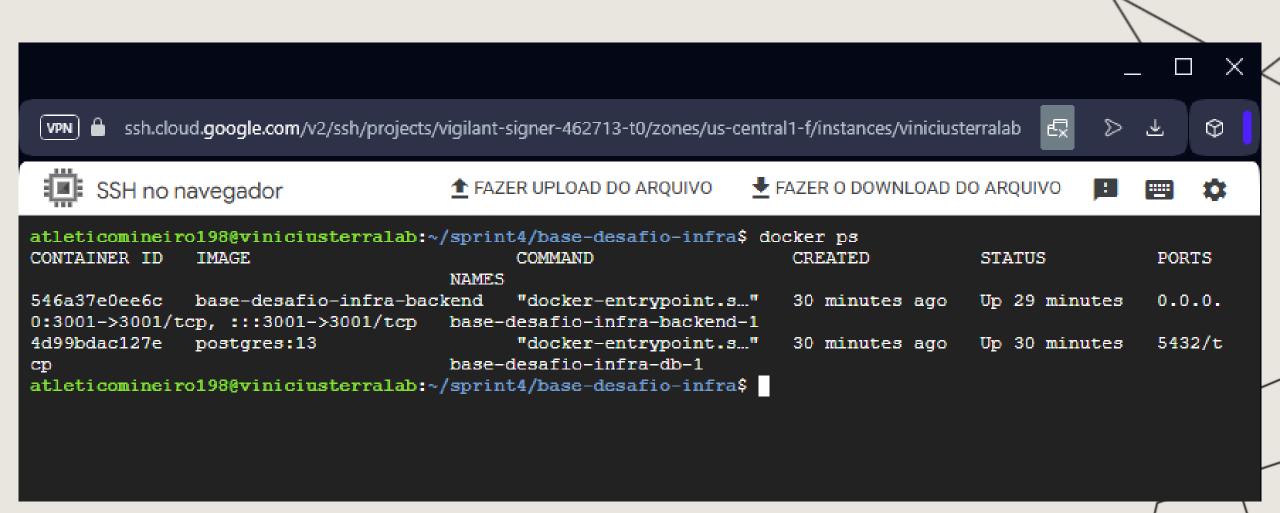
MONTANDO O DOCKER-COMPOSE



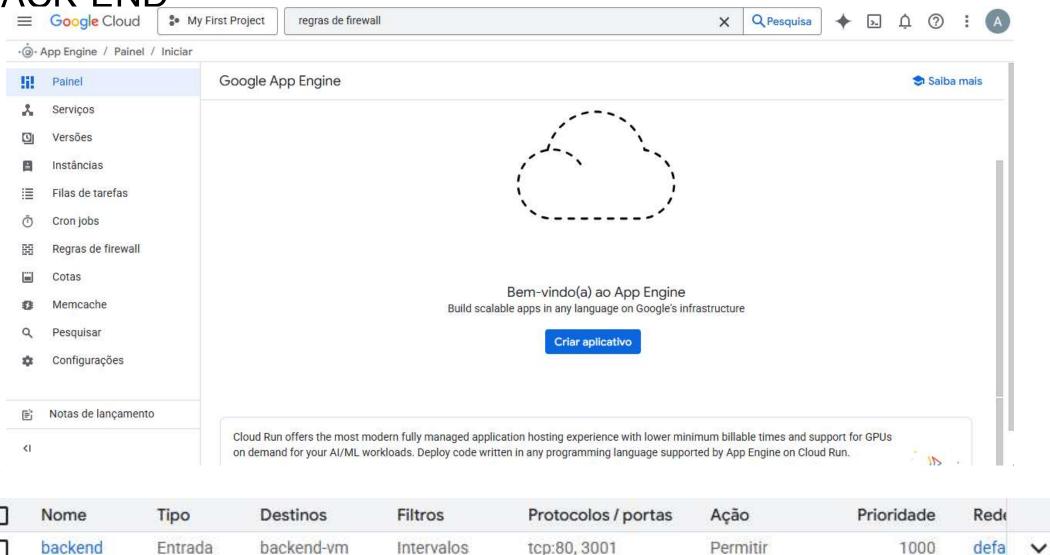
COLOCANDO OS CONTAINERS PARA RODAR

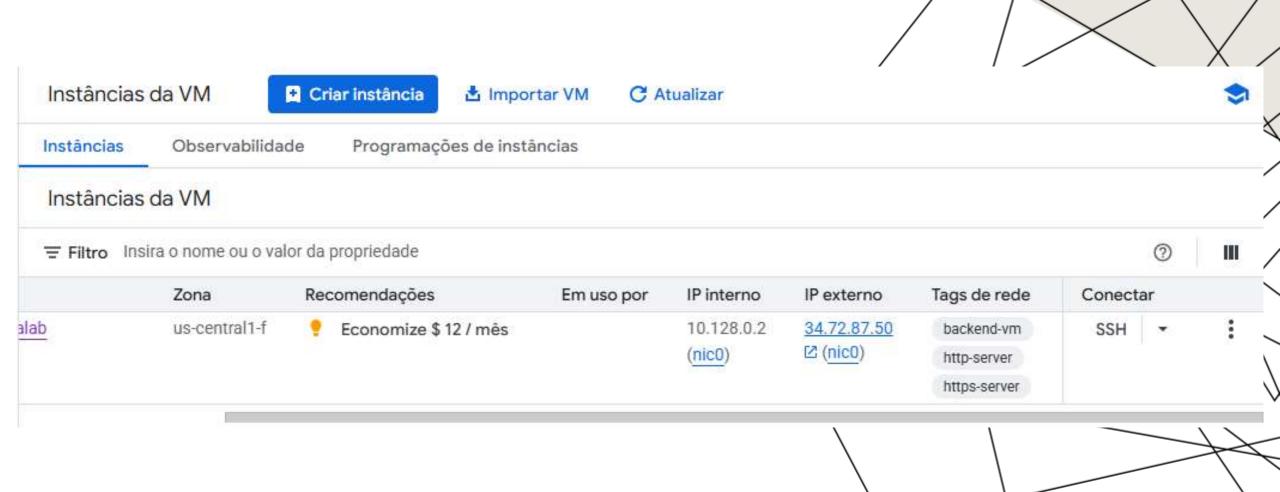


parâmetro restart: dockeralways no compose.yml garante que os contêineres do backend do banco de dados reiniciados sejam automaticamente caso parem por qualquer motivo, como falhas inesperadas, erro de inserção duplicada ou reinicialização máquina virtual da GCP. SSO assegura que aplicação volte a funcionar necessidade de sem intervenção manual, aumentando a resiliência e disponibilidade do sistema, exigido conforme projeto.

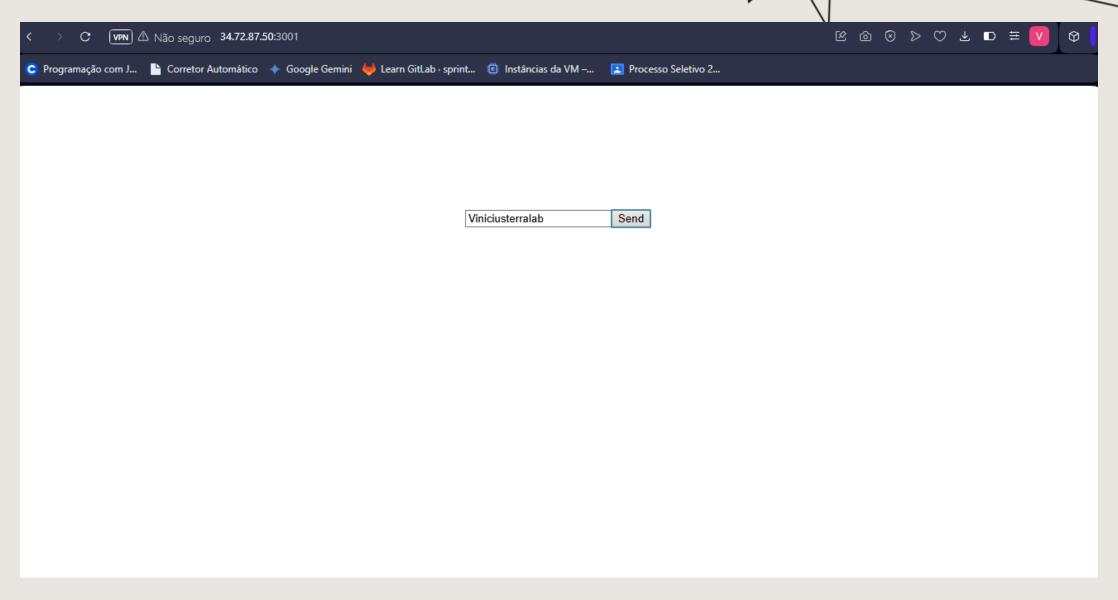


CRIANDO UMA TAG DE REDE PARA LIBERAR A PORTA DO BACK-END





FAZENDO A CONEXÃO EXTERNA



VERIFICANDO SE O BANCO DE DADOS DEU CERTO

```
atleticomineiro198@viniciusterralab:~/sprint4/base-desafio-infra$ docker exec -it base-desafio-infra-db-1 ps
ql -U postgres -d postgres
psql (13.21 (Debian 13.21-1.pgdg120+1))
Type "help" for help.
postgres=# \dt
        List of relations
 Schema | Name
                | Type
public | person | table | postgres
(1 row)
postgres=# SELECT * FROM person;
id |
            name
  1 | Viniciusterralab | 21:09:40
 2 | Viniciusterralab | 21:09:53
  3 | Viniciusterralab | 21:09:55
(3 rows)
postgres=#
```

```
atleticomineiro198@viniciusterralab:~/sprint4/base-desafio-infra$ docker exec -it base-desafio-infra-db-1 ps
gl -U postgres -d postgres
psql (13.21 (Debian 13.21-1.pgdg120+1))
Type "help" for help.
postgres=# \dt
        List of relations
Schema | Name | Type | Owner
-----
public | person | table | postgres
(1 row)
postgres=# SELECT * FROM person;
id |
           name
                         time
 1 | Viniciusterralab | 21:09:40
 2 | Viniciusterralab | 21:09:53
 3 | Viniciusterralab | 21:09:55
(3 rows)
postgres=# SELECT * FROM person;
id |
                         time
           name
----+-----
 1 | Viniciusterralab | 21:09:40
 2 | Viniciusterralab | 21:09:53
 3 | Viniciusterralab | 21:09:55
 4 | vinicius freitas | 21:16:40
(4 rows)
postgres=#
```

