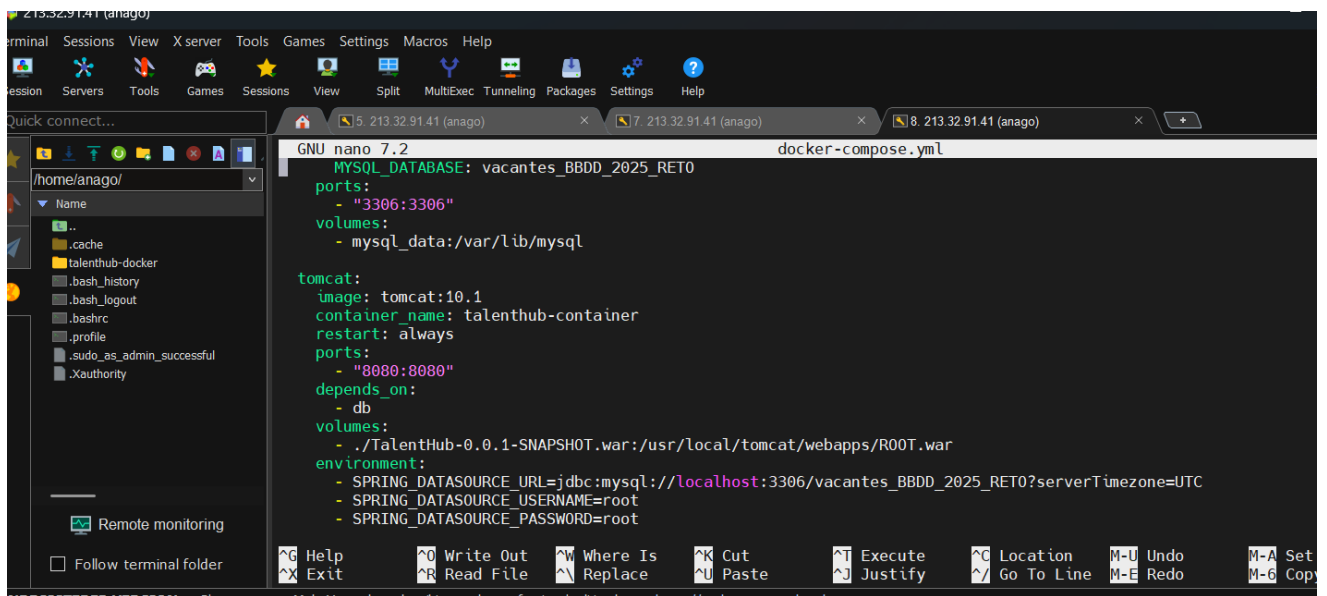


DESPLIEGUE EN DOCKER

Docker-compose

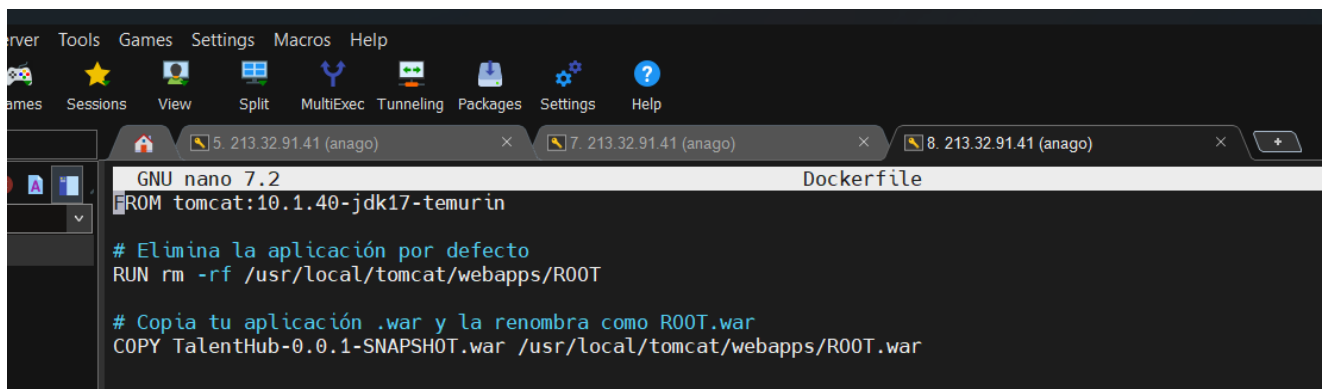


The screenshot shows a terminal window with the nano 7.2 editor open to the file docker-compose.yml. The file content is as follows:

```
MYSQL_DATABASE: vacantes_BBDD_2025_RET0
ports:
  - "3306:3306"
volumes:
  - mysql_data:/var/lib/mysql

tomcat:
  image: tomcat:10.1
  container_name: talenthub-container
  restart: always
  ports:
    - "8080:8080"
  depends_on:
    - db
  volumes:
    - ./TalentHub-0.0.1-SNAPSHOT.war:/usr/local/tomcat/webapps/ROOT.war
  environment:
    - SPRING_DATASOURCE_URL=jdbc:mysql://localhost:3306/vacantes_BBDD_2025_RET0?serverTimezone=UTC
    - SPRING_DATASOURCE_USERNAME=root
    - SPRING_DATASOURCE_PASSWORD=root
```

Dockerfile



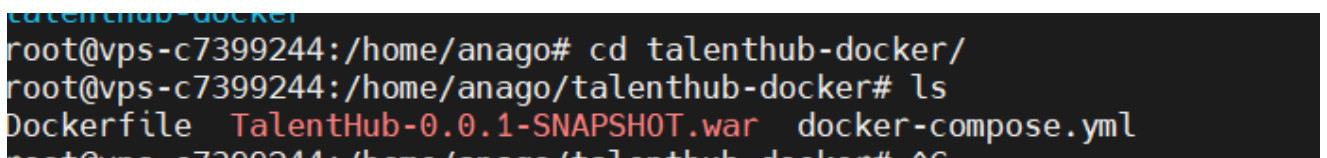
The screenshot shows a terminal window with the nano 7.2 editor open to the file Dockerfile. The file content is as follows:

```
FROM tomcat:10.1.40-jdk17-temurin

# Elimina la aplicación por defecto
RUN rm -rf /usr/local/tomcat/webapps/ROOT

# Copia tu aplicación .war y la renombra como ROOT.war
COPY TalentHub-0.0.1-SNAPSHOT.war /usr/local/tomcat/webapps/ROOT.war
```

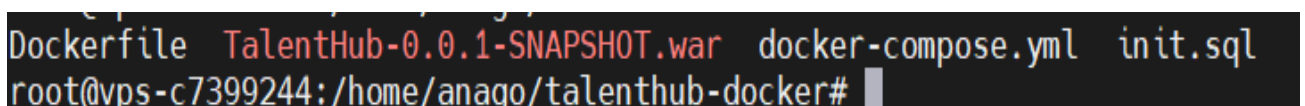
Subida de WAR



The screenshot shows a terminal window with the following commands and output:

```
root@vps-c7399244:/home/anago# cd talenthub-docker/
root@vps-c7399244:/home/anago/talenthub-docker# ls
Dockerfile TalentHub-0.0.1-SNAPSHOT.war docker-compose.yml
root@vps-c7399244:/home/anago/talenthub-docker#
```

Subida de ScriptSQL



The screenshot shows a terminal window with the following commands and output:

```
root@vps-c7399244:/home/anago/talenthub-docker# ls
Dockerfile TalentHub-0.0.1-SNAPSHOT.war docker-compose.yml init.sql
root@vps-c7399244:/home/anago/talenthub-docker#
```

Base de datos en el contenedor

```
mysql
performance_schema
sys
vacantes_BBDD_2025_RET0
+-----+
5 rows in set (0.01 sec)

mysql> USE vacantes_BBDD_2025_RET0 ;
Database changed
mysql> SHOW TABLES;
+-----+
| Tables_in_vacantes_BBDD_2025_RET0 |
+-----+
| Categorías                         |
| Empresas                         |
| Solicitudes                      |
| Usuarios                         |
| Vacantes                         |
+-----+
5 rows in set (0.01 sec)

mysql> SELECT* FROM Usuarios;
+-----+-----+-----+-----+-----+-----+-----+
| email                               | nombre | apellidos | password | enabled | fecha_Registro | rol |
+-----+-----+-----+-----+-----+-----+-----+
| ana.martinez@example.com           | Ana    | Martínez Díaz | {noop}passana3 | 1 | 2025-02-05 | EMPRESA |
| carmen.rodriguez@example.com       | Carmen | Rodríguez Silva | {noop}passcarmen | 1 | 2025-03-01 | EMPRESA |
| eloctavo@hotmail.com              | Pepe   | Ruiz Santana | {noop}alcalacrece | 1 | 2025-01-27 | ADMON |
| elprimero@hotmail.com             | Aarón  | Rivero Gómez | {noop}alcalacrece | 1 | 2025-01-27 | CLIENTE |
| elquinto@hotmail.com              | Marcos | Loyola Méndez | {noop}alcalacrece | 1 | 2025-01-28 | CLIENTE |
| elseptimo@hotmail.com             | Pilar  | Ruiz | {noop}alcalacrece | 1 | 2025-01-28 | CLIENTE |
| eltercero@hotmail.com             | Adolfo | Rubio Flores | {noop}alcalacrece | 1 | 2025-01-27 | ADMON |
| juan.garcia@example.com            | Juan   | García López | {noop}passjuan1 | 1 | 2025-01-10 | EMPRESA |
| luis.lopez@example.com             | Luis   | López Martínez | {noop}passluis2 | 1 | 2025-02-01 | EMPRESA |
| maria.perez@example.com            | María  | Pérez Gutiérrez | {noop}passmaria | 1 | 2025-01-15 | EMPRESA |
+-----+-----+-----+-----+-----+-----+-----+
```

Parado de contenedores y Reconstrucción correctas

```
anago@vps-c7399244:~$ cd ~/talenthub-docker
anago@vps-c7399244:~/talenthub-docker$ ls
Dockerfile  Talenthub-0.0.1-SNAPSHOT.war  docker-compose.yml
anago@vps-c7399244:~/talenthub-docker$ docker compose down -v
[+] Running 4/4
✓ Container talenthub-container      Removed
✓ Container mysql-talenthub          Removed
✓ Volume talenthub-docker_mysql_data Removed
✓ Network talenthub-docker_default   Removed
anago@vps-c7399244:~/talenthub-docker$ docker compose up --build -d
[+] Running 4/4
✓ Network talenthub-docker_default   Created
✓ Volume "talenthub-docker_mysql_data" Created
✓ Container mysql-talenthub          Started
✓ Container talenthub-container      Started
anago@vps-c7399244:~/talenthub-docker$ ^C
anago@vps-c7399244:~/talenthub-docker$ docker compose up --build -d
[+] Running 2/2
✓ Container mysql-talenthub          Running
✓ Container talenthub-container      Running
```

FRONT

Compilación de front

```
anago@LAPTOP-CUSLP738 MINGW64 ~/Desktop/DAW/SEGUNDO/RETO/talenthub/FrontEnd/TalentHub (main)
$ ng build --configuration production
```

Subida de front

```
anago@LAPTOP-CUSLP738 MINGW64 ~/Desktop/DAW/SEGUNDO/RETO/talenthub/FrontEnd/TalentHub (main)
$ scp -r dist/talent-hub/* anago@anagonbu.com:/var/www/talenthub/frontend/
anago@anagonbu.com's password:
```

```
root@vps-c7399244:/var# ls -l /var/www/talenthub/frontend/browser/
total 884
drwxr-xr-x 3 anago anago 4096 May 9 11:11 assets
-rw-r--r-- 1 anago anago 15086 May 9 11:37 favicon.ico
-rw-r--r-- 1 anago anago 7225 May 9 11:37 index.html
-rw-r--r-- 1 anago anago 433331 May 9 11:37 main-ZRW70SVA.js
drwxr-xr-x 2 anago anago 4096 May 9 11:11 media
-rw-r--r-- 1 anago anago 34519 May 9 11:37 polyfills-FFHMD2TL.js
-rw-r--r-- 1 anago anago 80586 May 9 11:37 scripts-60BTFB5I.js
-rw-r--r-- 1 anago anago 317875 May 9 11:38 styles-35RVSRYE.css
root@vps-c7399244:/var#
```

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

Configuración de Nginx para front con certbot

```
GNU nano 7.2 /etc/nginx/sites-available/talenthub
server {
    server_name anagonbu.com;

    # Frontend (Angular moderno)
    location / {
        root /var/www/talenthub/frontend/browser; # Asegúrate de que apunte al directorio correcto
        index index.html;
        try_files $uri $uri/ /index.html; # Para rutas SPA
    }

    # Backend API (Spring Boot)
    location /api/ {
        proxy_pass http://localhost:8080/talenthub/; # Añade "/talenthub/" al final
        proxy_set_header Host $host;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        # Si tu sitio utiliza HTTPS, descomenta la siguiente línea
        # proxy_set_header X-Forwarded-Proto https;
    }

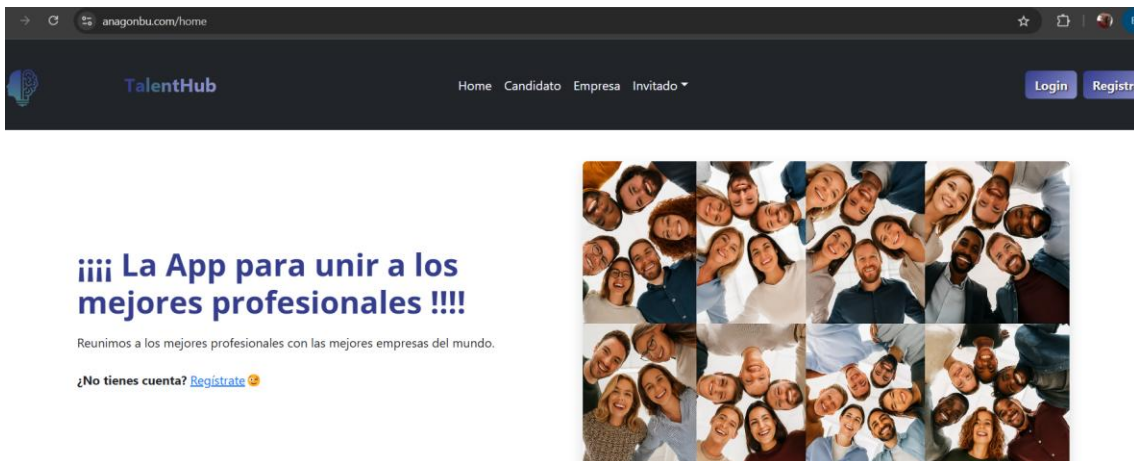
    # Adminer (administración de BD)
    location /adminer/ {
        proxy_pass http://localhost:8081/;
        proxy_set_header Host $host;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    }

    listen 443 ssl; # managed by Certbot
    ssl_certificate /etc/letsencrypt/live/anagonbu.com/fullchain.pem; # managed by Certbot
    ssl_certificate_key /etc/letsencrypt/live/anagonbu.com/privkey.pem; # managed by Certbot
    include /etc/letsencrypt/options-ssl-nginx.conf; # managed by Certbot
}
```

```
Successfully received certificate.
Certificate is saved at: /etc/letsencrypt/live/anagonbu.com/fullchain.pem
Key is saved at: /etc/letsencrypt/live/anagonbu.com/privkey.pem
This certificate expires on 2025-08-07.
These files will be updated when the certificate renews.
Certbot has set up a scheduled task to automatically renew this certificate in the background.

Deploying certificate
Successfully deployed certificate for anagonbu.com to /etc/nginx/sites-enabled/talenthub
Congratulations! You have successfully enabled HTTPS on https://anagonbu.com
```

Visual de Landing de TalentHub



Primero se dieron permisos, usuarios nuevos, habilitó el firewall y se implementaron los contenedores del backend, incluida base de datos, se configuraron con la creación de la base de datos incluida, están subidos el war del backend y el script de SQL. Posteriormente se configuró el frontend, y se intentó la conexión, se eliminaron errores, incluidos CORS, pero sigue habiendo discrepancias con la seguridad que impiden el reconocimiento de rutas, marcads todas con @CrossOrigin(origins = "*"), que parece entrar en conflicto con alguna otra autenticación. Finalmente, se instala certbot.