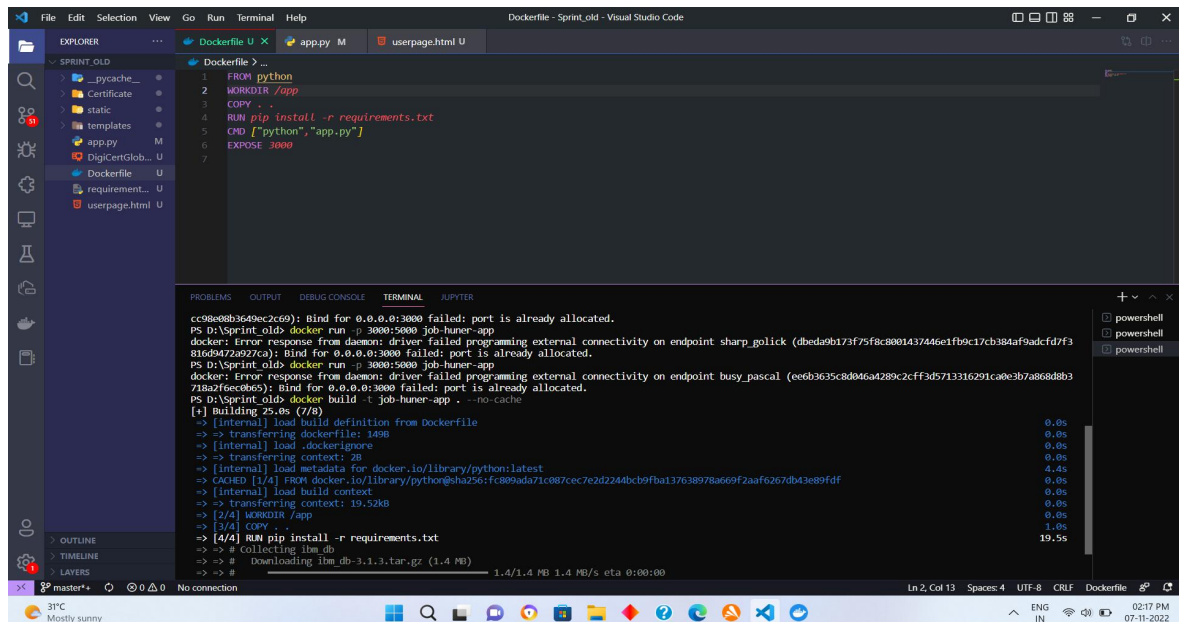


# Deployment of App in IBM Cloud

## Containerize the App

Date	22 October 2022
Team ID	PNT2022TMID53971
Project Name	Skill and Job Recommender Application
Maximum Marks	2 Marks

## Containerize the App :



The screenshot shows the Visual Studio Code interface with a Dockerfile open in the editor and a terminal window at the bottom. The Dockerfile contains the following instructions:

```
1 FROM python
2 WORKDIR /app
3 COPY . .
4 RUN pip install -r requirements.txt
5 CMD ["python", "app.py"]
6 EXPOSE 3000
```

The terminal output shows the following commands and their results:

```
PS D:\Sprint_old> docker run -p 3000:5000 job-huner-app
docker: Error response from daemon: driver failed programming external connectivity on endpoint sharp_golick (dbeda9b173f75f8c8001437446e1fb9c17cb384af9adcfd7f3816d94729272ca): Bind for 0.0.0.0:3000 failed: port is already allocated.
PS D:\Sprint_old> docker run -p 3000:5000 job-huner-app
docker: Error response from daemon: driver failed programming external connectivity on endpoint busy_pascal (ee0b3635c8d046a289c2cfff3d5713316291cae3b7a86d8db371ba2f6e2629): Bind for 0.0.0.0:3000 failed: port is already allocated.
PS D:\Sprint_old> docker build -t job-huner-app . --no-cache
[+] Building 25.0s (7/8)
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 149B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/python:latest
=> CACHED [1/4] FROM docker.io/library/python@sha256:fc809ada71c087cec7e2d2244bc9fba137638978a669f2aaf6267db43e89fdf
=> [internal] load build context
=> => transferring context: 19.52kB
=> [2/4] WORKDIR /app
=> [3/4] COPY . .
=> [4/4] RUN pip install -r requirements.txt
=> => collecting ibm_db
=> => Downloading ibm_db-3.1.3.tar.gz (1.4 MB)
=> => 1.4/1.4 MB 1.4 MB/s eta 0:00:00
```

