Assignment - 4

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Pull an image from docker hub and run it in docker playground.





Create a docker file for the job portal application and deploy it in Docker desktopapplication.

DOCKERFILE:

```
FROM python:3.8-buster

WORKDIR /app

COPY requirements.txt /app/

RUN pip install -r requirements.txt

COPY ./app/

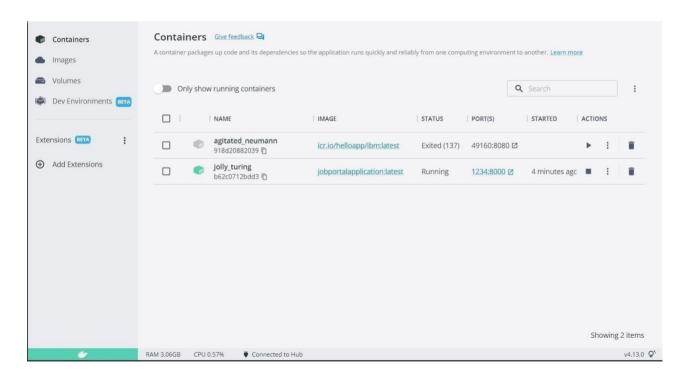
RUN cop.env.dev.sample .env

EXPOSE 8000

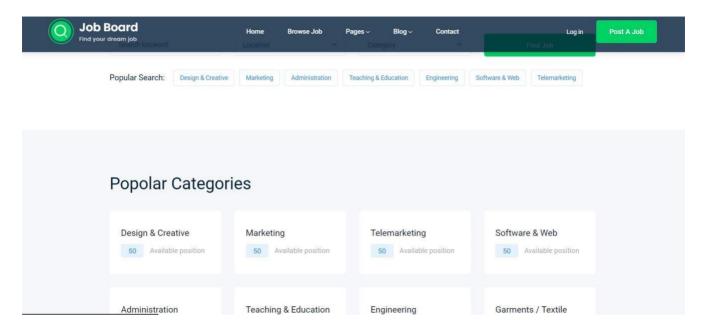
RUN chmod +x entrypoint.sh

CMD ["sh", "entrypoint.sh"]
```

DEPLOYMENT OF JOBPORTAL APPLICATION:

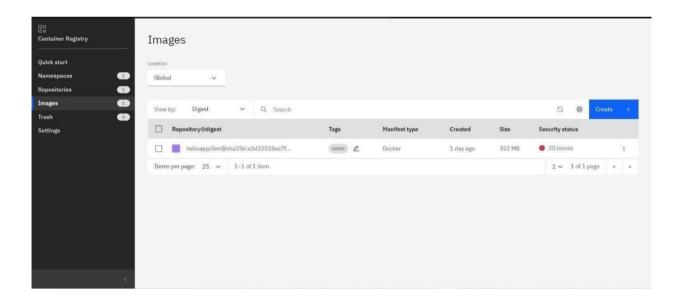


OUTPUT:



Create a IBM container registry and deploy hello world app or jobportapp.

IBM CONTAINER REGISTRY DEPLOYMENT:

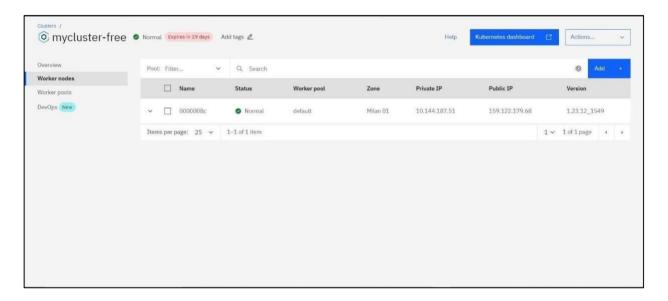


OUTPUT:



Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal imageand also expose the same app to run in nodeport.

Creating kubernetes cluster in IBM cloud and exposing nodeport:



Output:

