Dockerfile

Use the official Ubuntu image as the base image

FROM ubuntu:latest

Set environment variables to avoid interactive prompts during package installation

ENV DEBIAN_FRONTEND=noninteractive

Update the package list and install Apache

RUN apt-get update && \
   apt-get install -y apache2 && \
   apt-get clean && \
   rm -rf /var/lib/apt/lists/*

COPY ./sample.html /var/www/html/

Expose port 80 to allow external traffic

EXPOSE 80

Start Apache in the foreground

CMD ["apachectl", "-D", "FOREGROUND"]

Steps to Build and Push the Docker Image

1. **Place Your Application Code:** Make sure your application code is in a directory (e.g., sample.html) in the same location as your Dockerfile.

2. **Build the Docker Image:** Open a terminal, navigate to the directory containing your Dockerfile, and run the following command to build the image:

docker build -t Shahid199578/Server:Latest

3. **Log in to Docker Hub:** If you haven't already logged in to Docker Hub, run the following command and enter your credentials:

docker login

4. **Push the Docker Image:** After successfully building the image, push it to Docker Hub with the following command:

docker push Shahid199578/Server:Latest

Notes

- Ensure that the code you copy into /var/www/html/ is ready to be served by Apache.

- The EXPOSE directive indicates the port on which Apache will listen for requests.

- The CMD instruction runs Apache in the