**Dockerfile**

Dockerfile

# Use the official Ubuntu base image

FROM ubuntu:22.04

# Install Apache

RUN apt-get update && \

apt-get install -y apache2 && \

apt-get clean && \

rm -rf /var/lib/apt/lists/\*

# Expose port 80

EXPOSE 80

# Start Apache in the foreground

CMD ["/usr/sbin/apache2ctl", "-D", "FOREGROUND"]

**📁 2. Host Directory Structure (Example)**

Create a folder structure like:

your-project/

├── Dockerfile

└── site/

└── index.html

Put your index.html in the site/ directory.

**🚀 3. Build the Docker Image**

docker build -t apache-volume-demo .

**🔄 4. Run the Container with Volume**

docker run -d -p 8080:80 \

-v "$(pwd)/site/index.html":/var/www/html/index.html \

--name apache-container apache-volume-demo

**📝 Edit Your index.html**

Any changes to site/index.html on your host machine will immediately reflect in the container at http://localhost:8080 — **no rebuild necessary**.