.dockerignore for Vite React App

node\_modules

README.md

dockerfile for Vite React App

# Use an official Node.js runtime as a parent image

FROM node:18-alpine as BUILD\_IMAGE

# Set the working directory in the container

WORKDIR /app

# Copy package.json and package-lock.json to the working directory

COPY package.json .

# Install app dependencies

RUN npm install

# Copy the rest of your application code to the working directory

COPY . .

# Expose a port to communicate with the React app

EXPOSE 5173

# Start your React app

CMD ["npm", "run", "dev","--","--host","0.0.0.0"]

Create docker image for docker desktop

**docker build -t [your docker image name] .**

Check docker images command

**docker images**

Run docker container command

**docker run -d --rm -p 5173:5173 --name [name of the container] [your docker image name]**

* -d - To run the container in the background (Detach Mode)
* --rm - To delete the container, when you stop the container
* -p - Port Mapping between container and outside world.
* 5173:5173 - [Port access from Browser]: [Port exposed from the container]

Check whether your docker container is running or not, execute

**docker ps**

Delete all images and container command

**docker system prune -a**

compose.yaml file

services:

  app:

    build: .

    container\_name: vite-react-comp

    command: npm run dev

    image: vite-react-img:latest

    ports:

      - '5173:5173'

Run compose.yaml file

**docker compose up**

Push image to docker hub

Step1: Login docker hub command

**docker login**

Step2: Create repository on docker hub

Step3: Create docker image with repository name on docker desktop

**docker build -t kamalpratap87/react\_app\_hub .**

Step4: Push docker image to docker hub

**docker push kamalpratap87/react\_app\_hub**