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Class: 622-B

1 Project Structure

frontend/

--- Dockerfile

--- package.json

--- package-lock.json

--- src/

2 Multi-Stage Dockerfile

----- Stage 1: Build React app -----

FROM node:18-alpine AS builder

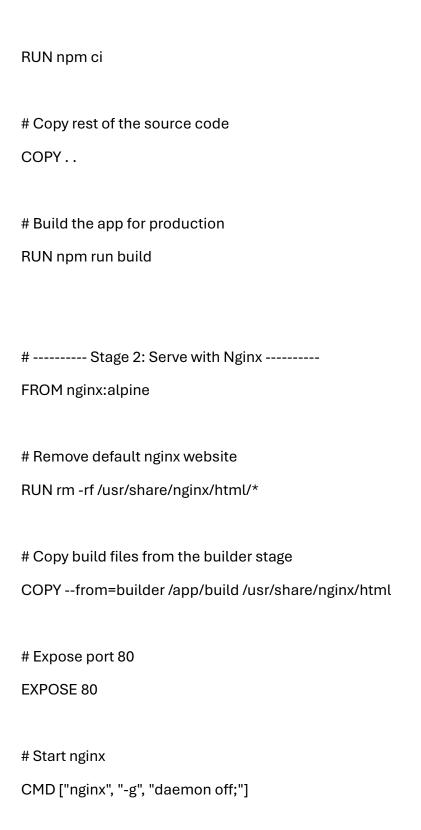
Set working directory

WORKDIR /app

Copy dependencies first (for better caching)

COPY package*.json ./

Install dependencies



Build & Run Commands

Build the image

docker build -t react-app-prod.

Run the container

docker run -d -p 80:80 react-app-prod

Output in Image Form:

