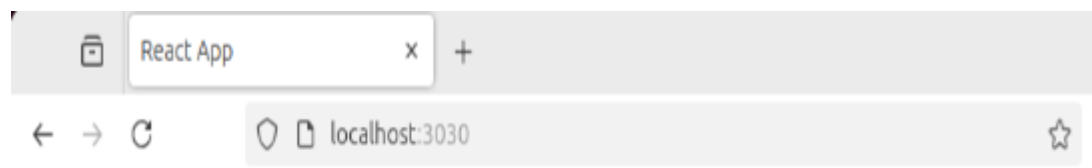```
=> => transferring context: 2B                                                0.0s
=> [stage-1 1/3] FROM docker.io/library/nginx:alpine@sha256:4ff102c5d78d     0.0s
=> [internal] load build context                                             3.7s
=> => transferring context: 2.97MB                                           3.5s
=> [build 1/6] FROM docker.io/library/node:18@sha256:df9fa4e0e39c9b97e30     0.0s
=> CACHED [stage-1 2/3] RUN rm -rf /usr/share/nginx/html/*                   0.0s
=> CACHED [build 2/6] WORKDIR /app                                           0.0s
=> CACHED [build 3/6] COPY package*.json ./                                  0.0s
=> CACHED [build 4/6] RUN npm install                                        0.0s
=> [build 5/6] COPY . .                                                      32.4s
=> [build 6/6] RUN npm run build                                             16.4s
=> [stage-1 3/3] COPY --from=build /app/build /usr/share/nginx/html          0.2s
=> exporting to image                                                        0.1s
=> => exporting layers                                                       0.1s
=> => writing image sha256:338631b1b5cd44a37f317615cb075db6ef1810d16aa43     0.0s
=> => naming to docker.io/library/app-web                                    0.0s
sabry@sabry-vm:~/app$ docker run -d -p 3030:80 app-web:latest
7973e4eef38fc45f714429583ff073b2b00c238e43d51b1a3408f30c1674ee0e
sabry@sabry-vm:~/app$ docker ps
CONTAINER ID   IMAGE            COMMAND                CREATED         STATUS
          PORTS                                    NAMES
7973e4eef38f   app-web:latest   "/docker-entrypoint.…"  6 seconds ago   Up 6 se
conds   0.0.0.0:3030->80/tcp, [::]:3030->80/tcp   romantic_beaver
sabry@sabry-vm:~/app$
```

React App  ×  +

← → C     ○ □ localhost:3030                                    ☆

# React App in Docker

Built with multi-stage Dockerfile

```dockerfile
# Stage 1: Build React app
FROM node:18 AS build
WORKDIR /app
COPY package*.json ./
RUN npm install
COPY . .
RUN npm run build
# Stage 2: Serve with Nginx
FROM nginx:alpine
RUN rm -rf /usr/share/nginx/html/*
COPY --from=build /app/build /usr/share/nginx/html
EXPOSE 80
CMD ["nginx", "-g", "daemon off;"]
~
```