# Capacitor Wrapping Guide for React App

## Step 1

Prerequisites:

• Node.js & npm

• Android Studio (for Android)

• Xcode on macOS (for iOS)

• Physical device or emulator for each platform

## Step 2

Install Capacitor:

npm install @capacitor/core @capacitor/cli --save

npx cap init

• App name: Released

• App ID: com.yourcompany.released

## Step 3

Build Your Web App:

npm run build

## Step 4

Add Native Platforms:

npx cap add android

npx cap add ios

## Step 5

Copy Web Assets:

npx cap copy

## Step 6

Open & Run on Android:

npx cap open android

## Step 7

Open & Run on iOS:

npx cap open ios

## Step 8

Live‑Reload During Development:

1. Start React: npm start

2. Install live‑reload plugin:

npm install @capacitor-community/live-reload

npx cap sync

3. Update capacitor.config.json:

{

"server": {

"url": "http://YOUR\_LOCAL\_IP:3000",

"cleartext": true

}

}

4. Rebuild once and run.

## Step 9

Testing & Debugging:

• Android: Logcat in Android Studio or adb logcat

• iOS: Xcode console or Safari Web Inspector

## Step 10

Next Steps:

• Adjust layout/CSS for mobile

• Add native plugins (camera, storage etc.)

• Prepare release builds