

# React Native Deployment: Publishing to App Store & Play Store

**Subtitle:** Learn how to package, test, and release your React Native apps for iOS and Android.

**Website Name:** haas.dev

**Website Link:** <https://dev-roast-app.vercel.app>

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## Introduction

Building an app is only half the journey; deployment ensures users can download and use it. This guide covers **preparing, building, and publishing** React Native apps to the **Apple App Store** and **Google Play Store**.

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## Step 1: Preparing Your App for Deployment

- Set **app name, icon, and splash screen** in `app.json` (Expo) or `Info.plist / AndroidManifest.xml` (CLI).
  - Configure **bundle ID** (iOS) and **applicationId** (Android).
  - Test your app on **real devices**.
  - Remove **console.log** statements and debug code.
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## Step 2: Building the App

### Expo Managed Workflow

- Build iOS:

```
expo build:ios
```

- Build Android:

```
expo build:android
```

- Expo generates **.ipa (iOS)** and **.apk/.aab (Android)** files ready for submission.

### React Native CLI

- Android:

```
cd android
./gradlew assembleRelease
```

Generates a **.apk** file in `android/app/build/outputs/apk/release/`.

- iOS (Mac only):  
Open `.xcworkspace` in Xcode → select **Generic iOS Device** → Product → Archive → Export for App Store.

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## Step 3: Publishing to Google Play Store

1. Create a **Google Play Console** account.
2. Create a **new app** → fill app info (name, description, icon, category).
3. Upload **.aab** or **.apk** file.
4. Set **content rating, pricing, and distribution**.
5. Submit for review; once approved, it goes live.

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## Step 4: Publishing to Apple App Store

1. Enroll in the **Apple Developer Program**.
2. Create a **new app** in App Store Connect → fill app info.
3. Archive your app in Xcode → Upload to App Store Connect.
4. Add **screenshots and metadata**.
5. Submit for review; once approved, your app will be live.

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## Step 5: Best Practices

- Test thoroughly on **multiple devices** before publishing.
- Optimize app **size and performance**.
- Follow **Play Store and App Store guidelines** for icons, screenshots, and content.
- Keep your app updated regularly with **bug fixes and features**.
- Maintain **version control** and changelog for each release.

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Publishing your React Native app is the final step to reach users. Following these steps

Publishing your React Native app is the final step to reach users. Following these steps ensures your app is **professional, optimized, and compliant with app store standards**.

Visit **haas.dev** for more React Native guides, tutorials, and project examples.

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