

Deploying a React Native App on App Store

1. Prepare Our React Native App for Deployment

Before we can deploy our React Native app to the App Store, we need to make sure that it's ready for deployment. This means that we should have already tested our app and resolved any issues or bugs. We should also make sure that we have configured the app's settings, including the app name, icon, and version number.

2. Create an Apple Developer Account

To deploy our app to the App Store, we will need to create an Apple Developer account. This requires us to pay an annual fee, and we'll need to provide some personal information, such as our name and address.

3. Create an App ID

Next, we'll need to create an App ID for our app. An App ID is a unique identifier for our app, and it's used to associate our app with the Apple Developer account.

4. Generate a Distribution Certificate

To deploy our app to the App Store, we'll need a distribution certificate. We can generate a distribution certificate in the Apple Developer portal by creating a certificate signing request and then using it to generate a certificate.

5. Create a Provisioning Profile

Once we have our distribution certificate, we'll need to create a provisioning profile for our app. This provisioning profile is used to associate our app with our App ID and distribution certificate.

6. Build Our App for Distribution

Now that we have all the necessary certificates and provisioning profiles, we can build our app for distribution. To do this, we'll need to select the "Generic iOS Device" target in Xcode and then choose "Product" > "Archive". This will create an archive of our app, which we can then upload to the App Store.

7. Upload Our App to App Store Connect

After building our app, we'll need to upload it to App Store Connect. This is done using Xcode's Organizer window. In the Organizer window, select the archive that we just created, and then click "Distribute". Follow the prompts to upload our app to App Store Connect.

8. Submit Our App for Review

Once we've uploaded our app to App Store Connect, we'll need to submit it for review. This is done in the App Store Connect dashboard. We'll need to provide some information about our app, such as a description and screenshots. Once we've

submitted our app, it will be reviewed by Apple, which can take anywhere from a few days to a few weeks.

9. Publish Our App

Once our app has been approved by Apple, we can publish it to the App Store. To do this, go to the "My Apps" section of the App Store Connect dashboard and select our app. From there, we can click "Release This Version" to make our app available on the App Store.

Sources:

1. <https://reactnative.dev/docs/publishing-to-app-store>
2. <https://readybytes.in/blog/how-to-deploy-a-react-native-ios-app-on-the-app-store>