**Create Sign Release Apk**

Reference Link : <https://reactnative.dev/docs/signed-apk-android>

Youtube Link : <https://www.youtube.com/watch?v=y7Q5OMZjIsE&t=503s&ab_channel=MrDevGeek>

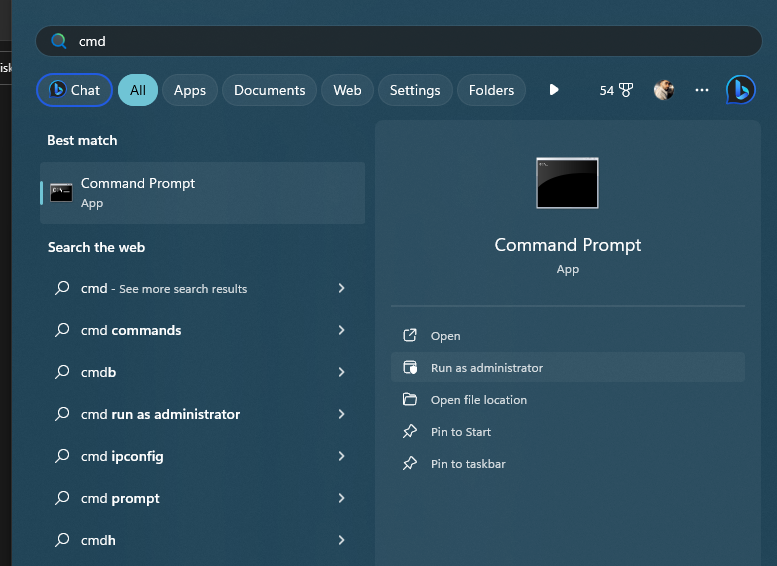
**Step 1**

Goto **jdk/bin** folder

Eg

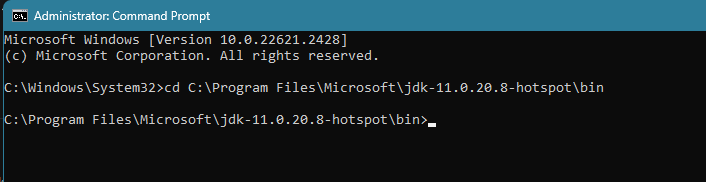
C:\Program Files\Microsoft\jdk-11.0.20.8-hotspot\bin

Open Cmd ( administrator ) mode



And change directory into a jdk/bin folder

>>> cd C:\Program Files\Microsoft\jdk-11.0.20.8-hotspot\bin

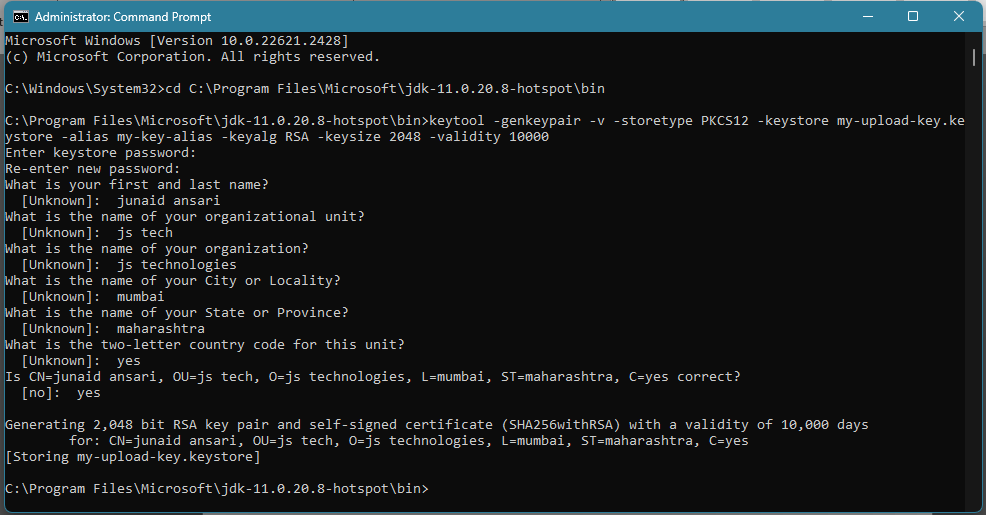


**Step 2**

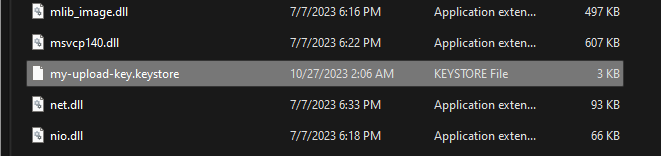
**Generating an upload key**

Add this command to generate a key and fill all info

>>> keytool -genkeypair -v -storetype PKCS12 -keystore my-upload-key.keystore -alias my-key-alias -keyalg RSA -keysize 2048 -validity 10000

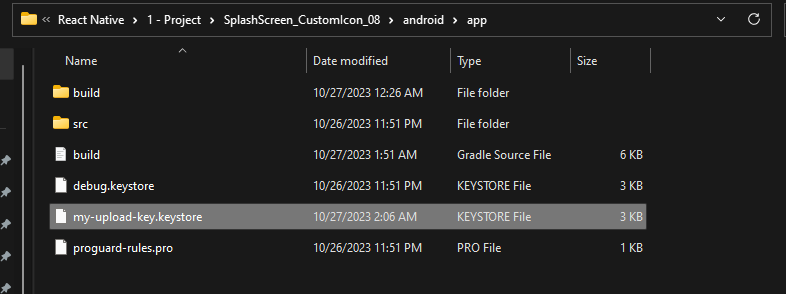


Open **Jdk/bin** folder andfind **my-upload-key.keystore** file



Cut the file ( ctrl + x )

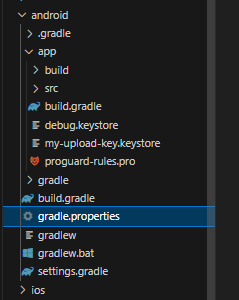
And past inside your project **android -> app** folder



**Step 3**

Open VsCode and open the file

**Android/gradle.properties**

****

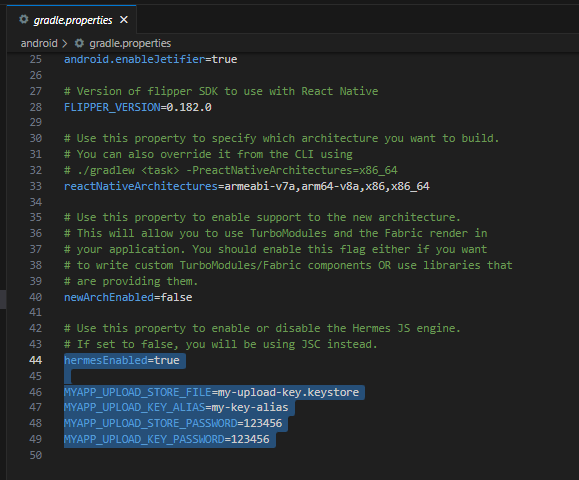
**And add these lines replace \*\*\*\*\* with your password**

MYAPP\_UPLOAD\_STORE\_FILE=my-upload-key.keystore

MYAPP\_UPLOAD\_KEY\_ALIAS=my-key-alias

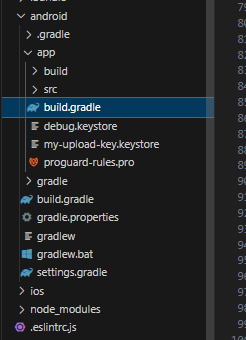
MYAPP\_UPLOAD\_STORE\_PASSWORD=\*\*\*\*\*\*

MYAPP\_UPLOAD\_KEY\_PASSWORD=\*\*\*\*\*\*

****

**Step 4**

Open **android/app/build.gradle**

****

**Add this line**

release {

            if (project.hasProperty('MYAPP\_UPLOAD\_STORE\_FILE')) {

                storeFile file(MYAPP\_UPLOAD\_STORE\_FILE)

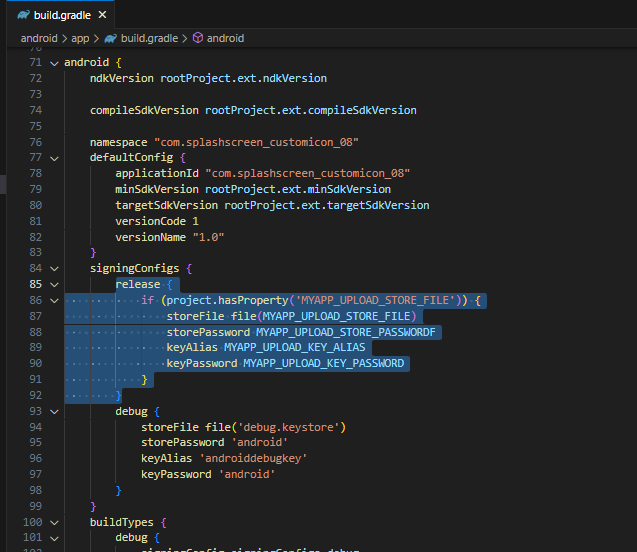
                storePassword MYAPP\_UPLOAD\_STORE\_PASSWORDF

                keyAlias MYAPP\_UPLOAD\_KEY\_ALIAS

                keyPassword MYAPP\_UPLOAD\_KEY\_PASSWORD

            }

        }

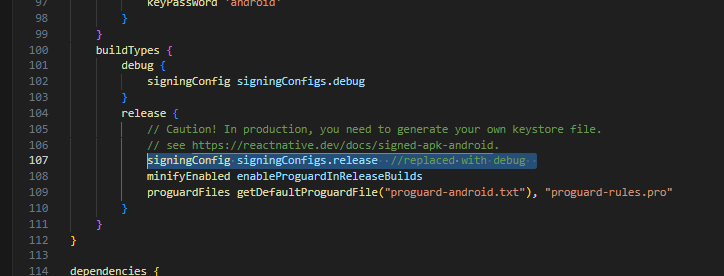
****

**And replace**

signingConfig signingConfigs.release

**this to**

signingConfig signingConfigs.debug

****

Step 5

## Generating the release AAB

Open your project folder and open cmd ( change directory to android )

>>> cd android

>>> npx react-native build-android --mode=release