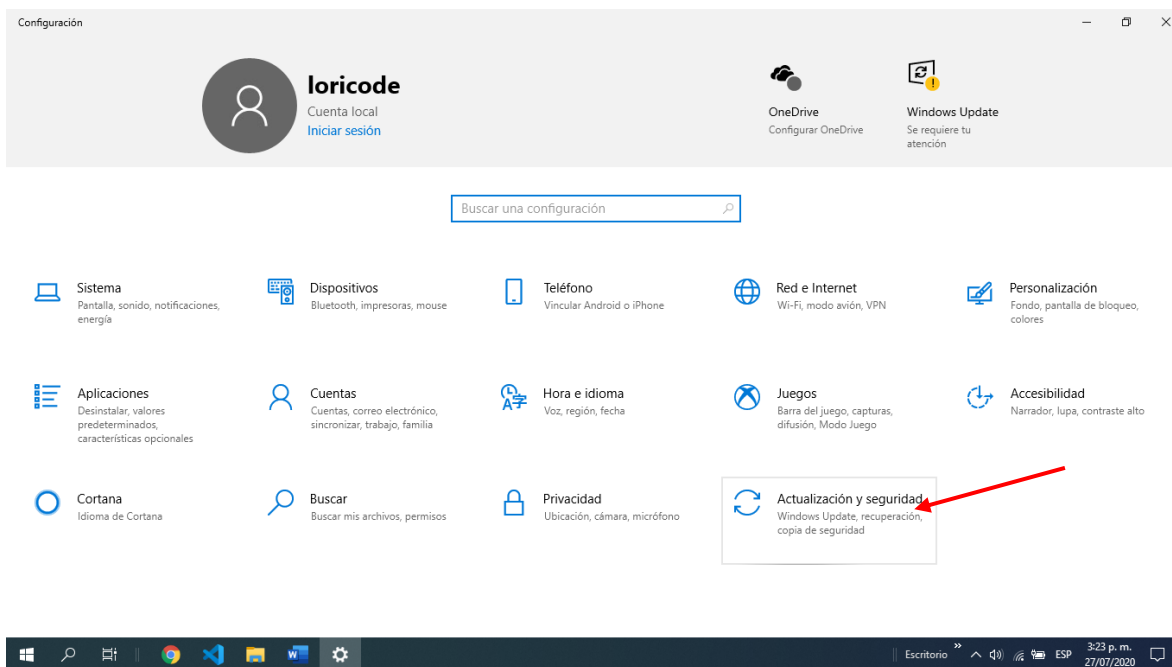


Angel campillo cuadrado

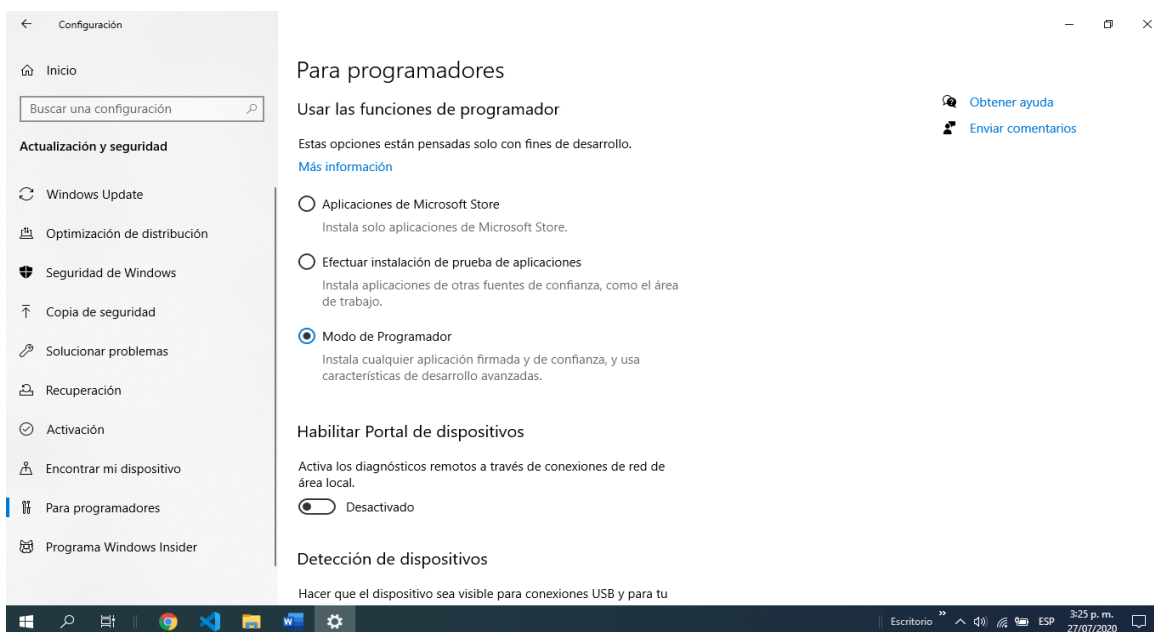
Estudiante de ingeniería de sistemas

Universidad de cordoba


PARA GENERAR UNA APK DE REACT NATIVE CONSTRUIDA POR EXPO INIT

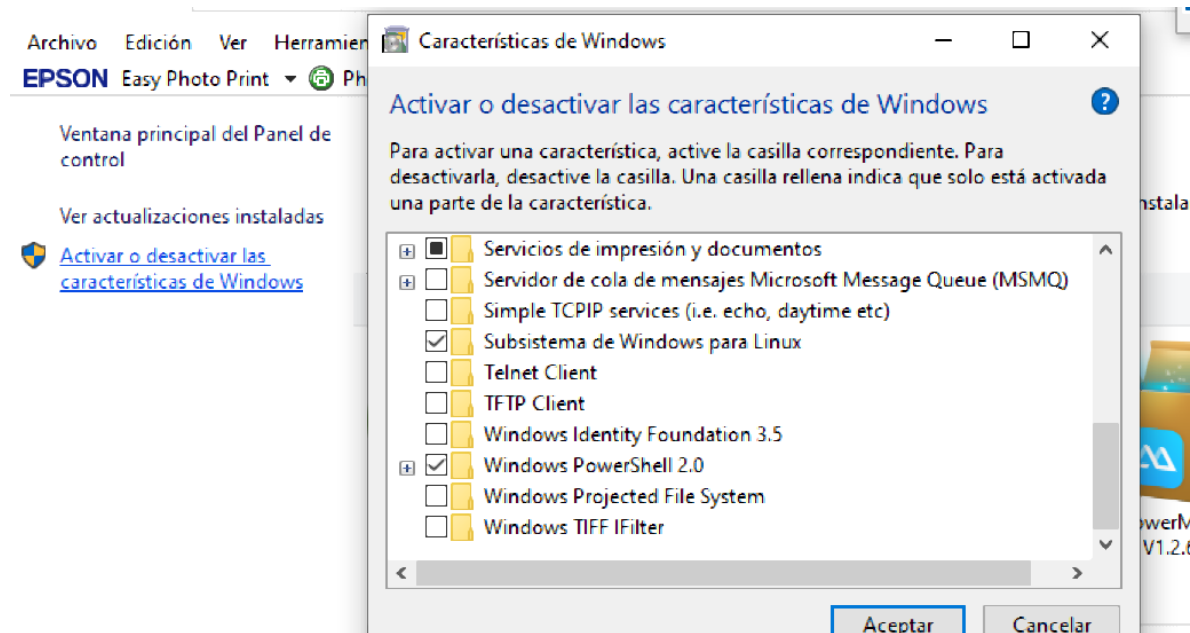


Debemos entrar en actualización y seguridad y activar el modo programador como se ve en la siguiente imagen




AHORA NECESITAMOS IR AL PANEL DE CONTROL Y DARLE CLICK

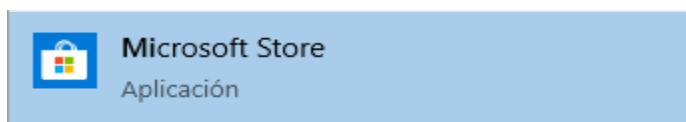
 [Activar o desactivar las características de Windows](#)



Después de seleccionar la opción subsistema de Windows para Linux

☒  Subsistema de Windows para Linux

te va a pedir reiniciar el pc le das aceptar después que tu pc regrese al escritorio



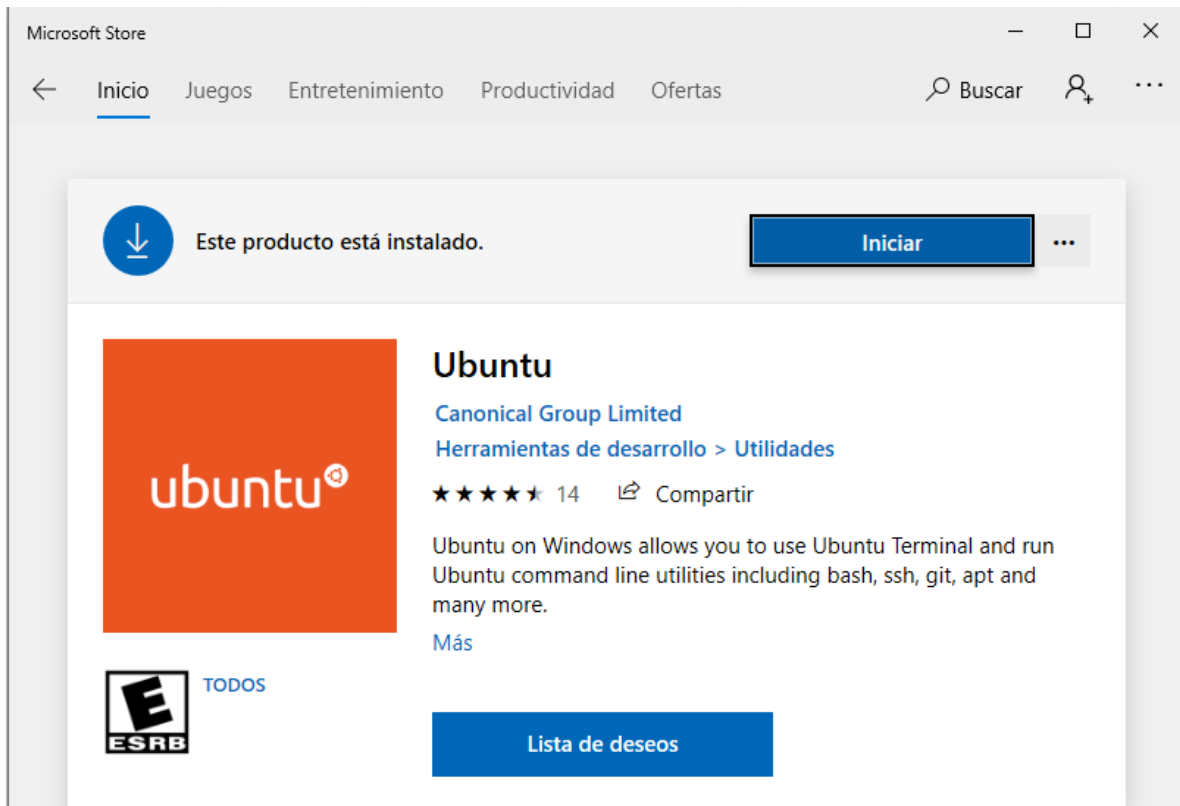
Nos dirigimos a

aparecerá la siguiente

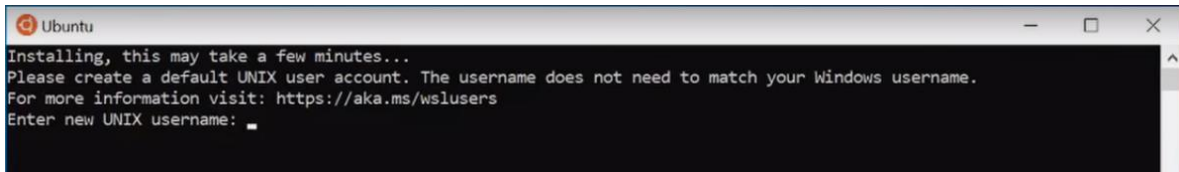
buscamos Ubuntu y



Aquí seleccionamos la primera aplicación de Ubuntu y te mostrar algo parecido a lo siguiente
En esta ventana te va a pedir que descargues la aplicación y despues instalarla

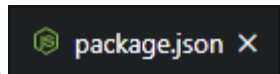


Cuando termine la descargar y le des instalar te va a aparecer despues de algunos minutos
Que ingreses usuario y contraseña para ese sistema operativo

A terminal window titled 'Ubuntu' with a dark background. It displays the following text: 'Installing, this may take a few minutes...', 'Please create a default UNIX user account. The username does not need to match your Windows username.', 'For more information visit: https://aka.ms/wslusers', and 'Enter new UNIX username: ' followed by a cursor.

Cuando termines de registrar tu usuario y contraseña ya puedes cerrar esta consola o bash

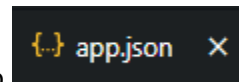
Ahora si podemos ir a visual studio code donde tenemos el proyecto a abierto en este caso



Y nos dirigimos al archivo y debemos escribir el siguiente script

O debe quedar de esta forma

```
"scripts": {  
  "start": "expo start",  
  "android": "expo start --android",  
  "ios": "expo start --ios",  
  "web": "expo start --web",  
  "eject": "expo eject",  
  "prod": "expo build:android"  
},
```



Despues de realizar este paso ahora nos dirigimos al archivo

Y debemos tenerlo de la siguiente manera

```
{  
  "expo": {  
    "name": "mynative",  
    "slug": "myappnative",  
    "platforms": [  
      "ios",  
      "android"
```

```
],  
  "version": "1.0.0",  
  "orientation": "portrait",  
  "icon": "./assets/icon.png",  
  "splash": {  
    "image": "./assets/splash.png",  
    "resizeMode": "contain",  
    "backgroundColor": "#ffffff"  
  },  
  "updates": {  
    "fallbackToCacheTimeout": 0  
  },  
  "assetBundlePatterns": [  
    "**/*"  
  ],  
  "ios": {  
  },  
  "android": {  
    "package": "com.loricode.mynative",  
    "versionCode": 1  
  }  
}
```

Esta configuración alguna ya la trae preconfigurada

Después de haber completado este paso ahora abrimos una terminal en Visual Studio Code

Para ejecutar el siguiente comando `npm run prod` así como se puede apreciar en la imagen

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\angel campillo\Desktop\mynative> npm run prod
```

mostrara lo siguiente

```
PS C:\Users\angel campillo\Desktop\mynative> npm run prod

> @ prod C:\Users\angel campillo\Desktop\mynative
> expo build:android

? Choose the build type you would like: » - Use arrow-keys. Return to submit.
>  apk - Build a package to deploy to the store or install directly on Android devices
  app-bundle
```

aquí te va a pedir que crees una cuenta en expo si ya tienes una tienes que ingresar un correo y una contraseña en mi caso puse la de Gmail

```
✓ Choose the build type you would like: » apk
An Expo user account is required to proceed.
? How would you like to authenticate? Log in with an existing Expo account
? Username/Email Address: loricode
? Password: [hidden]

Success. You are now logged in as loricode.
```

elegimos la opción apk y mostrar lo siguiente

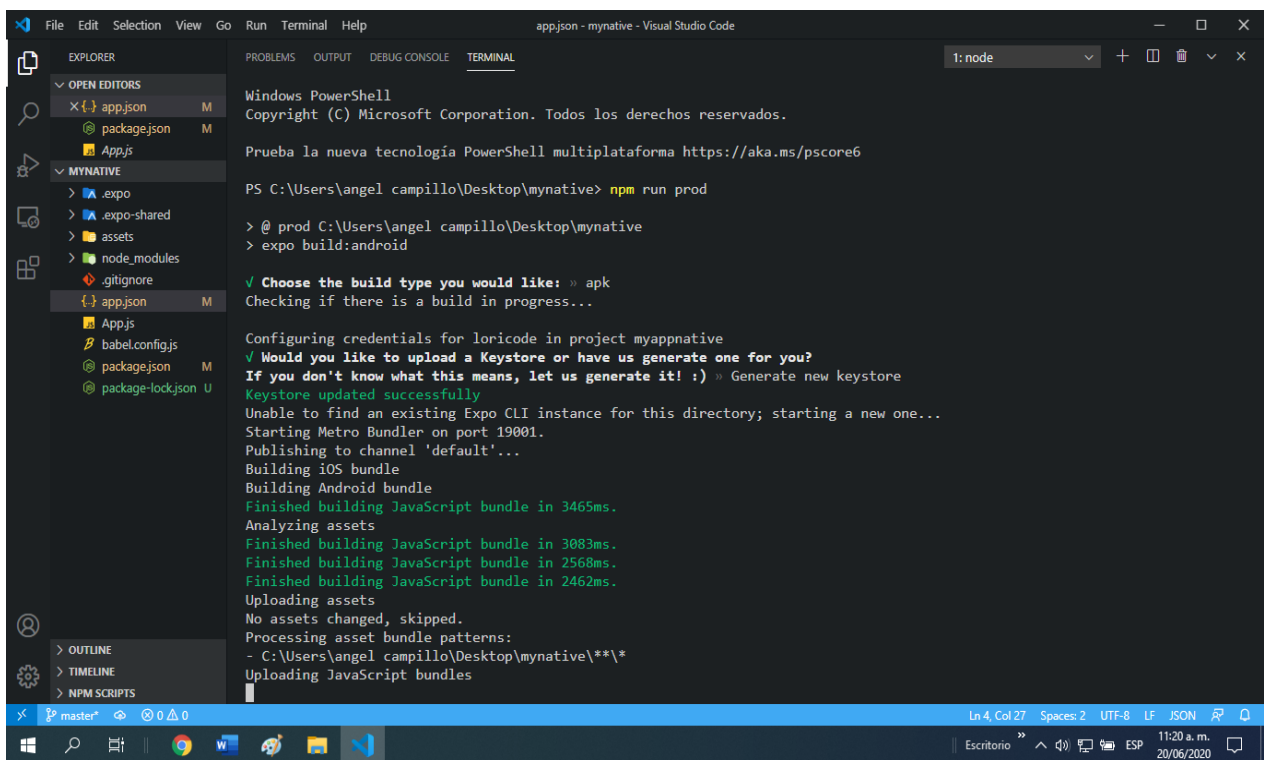
```
PS C:\Users\angel campillo\Desktop\mynative> npm run prod

> @ prod C:\Users\angel campillo\Desktop\mynative
> expo build:android

✓ Choose the build type you would like: » apk
Checking if there is a build in progress...

Configuring credentials for loricode in project myappnative
? Would you like to upload a Keystore or have us generate one for you?
If you don't know what this means, let us generate it! :) » - Use arrow-keys. Return to submit.
> Generate new keystore
  I want to upload my own file
```

Elegimos la opción generar nueva keystore y mostrara las construcciones de los archivos

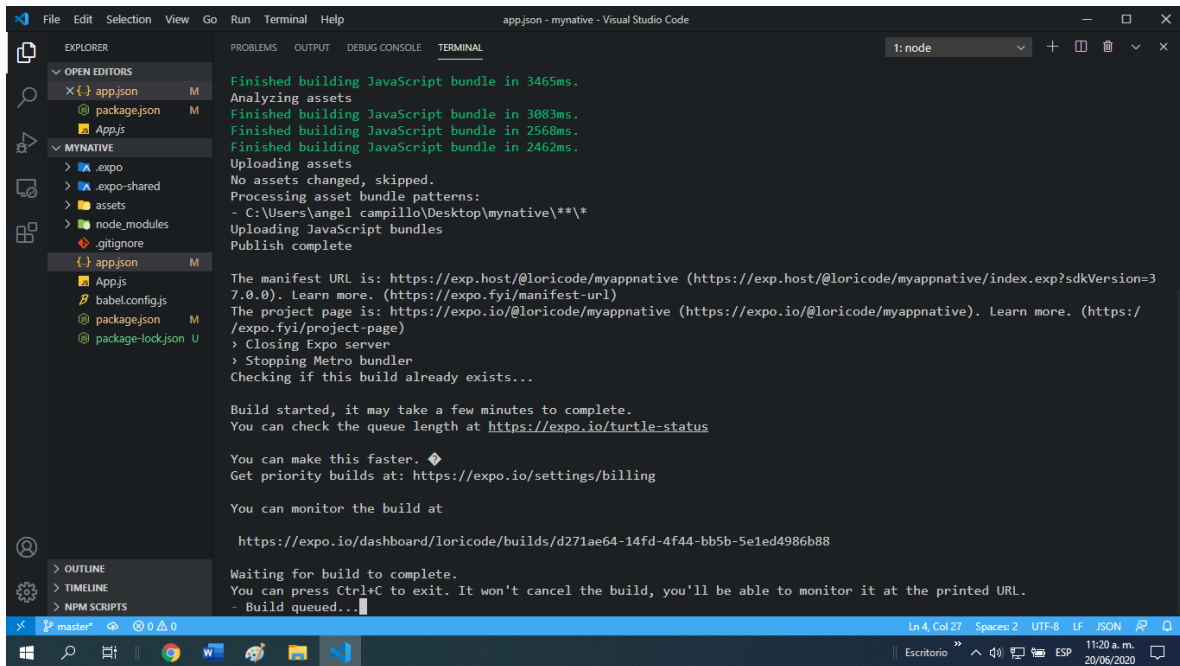


The screenshot shows the Visual Studio Code interface with the Explorer panel on the left displaying the project structure. The main editor area shows the terminal output of the command `npm run prod`. The output includes the following steps:

- Windows PowerShell prompt and copyright notice.
- Running `npm run prod` in the project directory.
- Choosing the build type: `apk`.
- Configuring credentials for loricode in project myappnative.
- Choosing to generate a new keystore.
- Keystore updated successfully.
- Unable to find an existing Expo CLI instance for this directory; starting a new one...
- Starting Metro Bundler on port 19001.
- Publishing to channel 'default'...
- Building iOS bundle.
- Building Android bundle.
- Finished building JavaScript bundle in 3465ms.
- Analyzing assets.
- Finished building JavaScript bundle in 3083ms.
- Finished building JavaScript bundle in 2568ms.
- Finished building JavaScript bundle in 2462ms.
- Uploading assets.
- No assets changed, skipped.
- Processing asset bundle patterns:
- C:\Users\angel campillo\Desktop\mynative***
- Uploading JavaScript bundles.

The status bar at the bottom indicates the current file is `Ln 4, Col 27`, using `UTF-8` encoding, and the date is `11:20 a. m. 20/06/2020`.

Despues va a empezar a construir y va tomar de 8 – 10 o más minutos para la generar la apk de react native



```
appjsn - mynative - Visual Studio Code
1: node

Finished building JavaScript bundle in 3465ms.
Analyzing assets
Finished building JavaScript bundle in 3083ms.
Finished building JavaScript bundle in 2568ms.
Finished building JavaScript bundle in 2462ms.
Uploading assets
No assets changed, skipped.
Processing asset bundle patterns:
- C:\Users\angel_campillo\Desktop\mynative\**\*
Uploading JavaScript bundles
Publish complete

The manifest URL is: https://exp.host/@loricode/myappnative (https://exp.host/@loricode/myappnative/index.exp?sdkVersion=3
7.0.0). Learn more. (https://expo.fyi/manifest-url)
The project page is: https://expo.io/@loricode/myappnative (https://expo.io/@loricode/myappnative). Learn more. (https:/
/expo.fyi/project-page)
> Closing Expo server
> Stopping Metro bundler
Checking if this build already exists...

Build started, it may take a few minutes to complete.
You can check the queue length at https://expo.io/turtle-status

You can make this faster.
Get priority builds at: https://expo.io/settings/billing

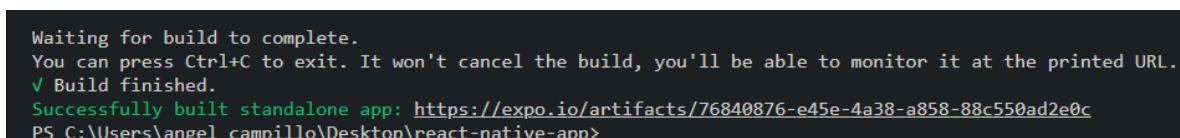
You can monitor the build at

https://expo.io/dashboard/loricode/builds/d271ae64-14fd-4f44-bb5b-5e1ed4986b88

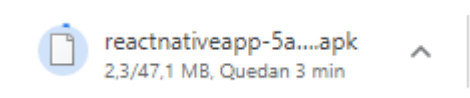
Waiting for build to complete.
You can press Ctrl+C to exit. It won't cancel the build, you'll be able to monitor it at the printed URL.
- Build queued...
```

Despues de esperar varios minutos se va a mostrar lo siguiente

Presionamos en la ruta de internet y empezara a descargarse la apk



```
Waiting for build to complete.
You can press Ctrl+C to exit. It won't cancel the build, you'll be able to monitor it at the printed URL.
✓ Build finished.
Successfully built standalone app: https://expo.io/artifacts/76840876-e45e-4a38-a858-88c550ad2e0c
PS C:\Users\angel_campillo\Desktop\react-native-app>
```



The screenshot shows a web browser window with two tabs. The active tab is titled 'Expo — Build Details — ba12ab48-164e-4a90-8fec-4fecc128ce69'. The address bar shows the URL 'expo.io/dashboard/loricode/builds/ba12ab48-164e-4a90-8fec-4fecc128ce69'. The page has a sidebar on the left with a 'Dashboard' header and two menu items: 'Overview' and 'Builds'. The 'Builds' item is selected. The main content area is titled 'Build Details' and shows information for a build named 'reactnativeapp'. The build ID is 'ba12ab48-164e-4a90-8fec-4fecc128ce69', the full name is '@loricode/reactnativeapp', the start time is 'Jun 20, 2020 11:56 AM', the platform is 'Android', and the release channel is 'default'. The status is 'Finished'. There is a 'Build artifact' section at the bottom. A 'Feedback?' button is visible in the bottom right corner. The Windows taskbar at the bottom shows the time as 12:21 p.m. on 20/06/2020.

Expo — Build Details — ba12ab48-164e-4a90-8fec-4fecc128ce69

expo.io/dashboard/loricode/builds/ba12ab48-164e-4a90-8fec-4fecc128ce69

Dashboard

Overview

Builds

Build Details

reactnativeapp

Build ID
ba12ab48-164e-4a90-8fec-4fecc128ce69

Full Name
@loricode/reactnativeapp

Start time
Jun 20, 2020 11:56 AM

Platform
Android

Release channel
default

Status
Finished

Build artifact

Feedback?

reactnativeapp-5a...apk
2.3/47.1 MB, Quedan 3 min

Mostrar todo

Escritorio 12:21 p.m. 20/06/2020

Espero que se de ayuda esta informacion no olvides suscribirse al canal para estar pendiente de la nueva informacion