1) <u>Install Node.js on Linux Ubuntu</u>

➔ <u>Download Node.js</u>

➔ Select Debian and Ubuntu <u>Linux distro</u>
                OR
➔ binary distributions <u>Click to View</u>

➔ `curl -fsSL https://deb.nodesource.com/setup_18.x | sudo -E bash - &&\`
`sudo apt-get install -y nodejs`

OR Root User:

`curl -fsSL https://deb.nodesource.com/setup_18.x | bash - &&\`
`apt-get install -y nodejs`
➔ check version `node -v`

2) <u>Install Java Development Kit</u>

➔ `sudo apt-get install openjdk-11-jdk`
➔ `java --version`

3) <u>Install Android Studio</u>

➔ download Android Studio <u>Click to Download</u>
➔ Install 32-bit libraries for all 64-bit
`sudo apt-get install libc6:i386 libncurses5:i386`
`libstdc++6:i386 lib32z1 libbz2-1.0:i386`

➔ Unpack the .zip file within / opt/
`tar -xzf archive-name.tar.gz`

➔ To launch Android Studio, open a terminal, navigate to the android-studio/bin/ directory, and execute studio.sh
➔ Android SDK Platform 31
➔ Intel x86 Atom_64 System Image or Google APIs Intel x86 Atom System Image
➔ "SDK Tools" "Android SDK Build-Tools" then make sure that 31.0.0 is selected.

4) Configure the ANDROID_HOME environment variable

➔ `cd /etc/`
➔ `sudo vim bash.bashrc`
➔ `paste Variables all in the file`
➔ `Esc :wq`
➔ `source bash.bashrc`
➔ `echo $ANDROID_HOME`

5) Install Watchman (Optional)

installation guide click to view

6)   Create and Run App on Mobile (cli)

➔ `npm uninstall -g react-native-cli @react-native-community/cli`
➔ `npx react-native init AwesomeProject`
➔ `npx react-native start`
➔ `npx react-native run-android`

7)   Create and Run App on Mobile (expo)

➔ `npx create-expo-app AwesomeProject`
➔ `cd AwesomeProject`
➔ `npx expo start`

youtube: https://www.youtube.com/@numanthedegreeguy