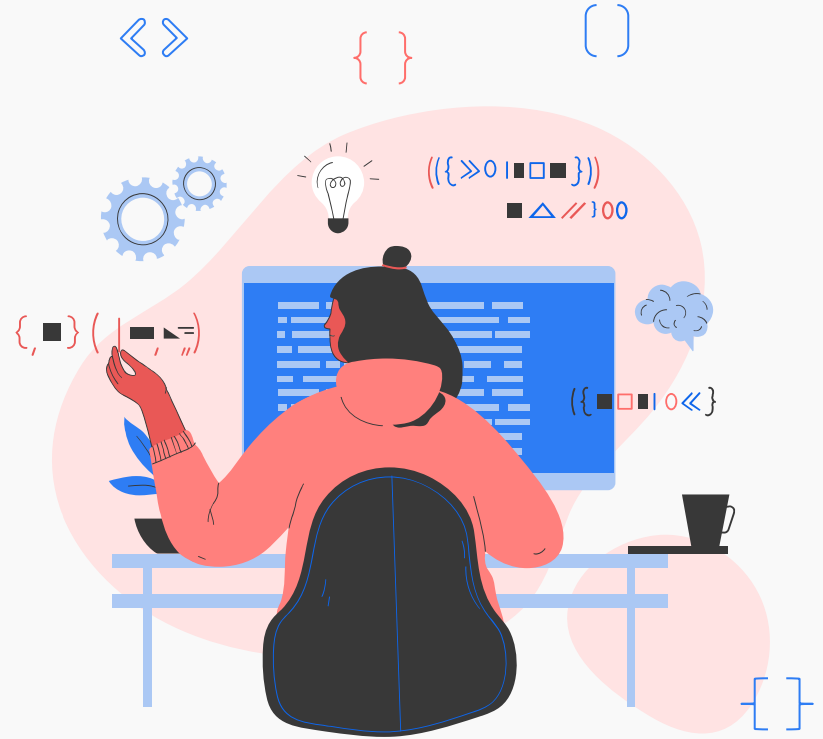# React Native

**Mobile development Cross-platform**

Eng. Mohamed Gamal

# How we can make a Mobile APP ?

## Native

We write code base for every platform and for every version

## hybrid

Mixing html and css and js to make an app run on main browser on each device

## Cross platform

Is a way to make you create more than one app from one code base

# Cross Platform

Cross-platform is a way make you create more than one app from one code base

# How React Native Work ?

## Old Architecture

The old was build on engine and bridge

## New Architecture

The new one build on jsi, turbo Modules and Fabric
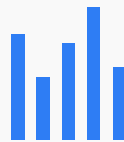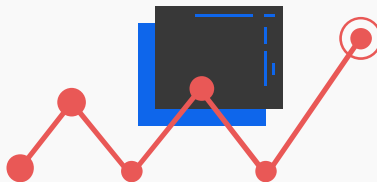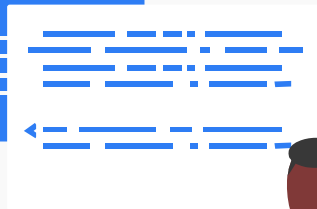
# How React Native Expo Vs CLI?

**Expo**

**Cli**

# Install Expo App

# Create

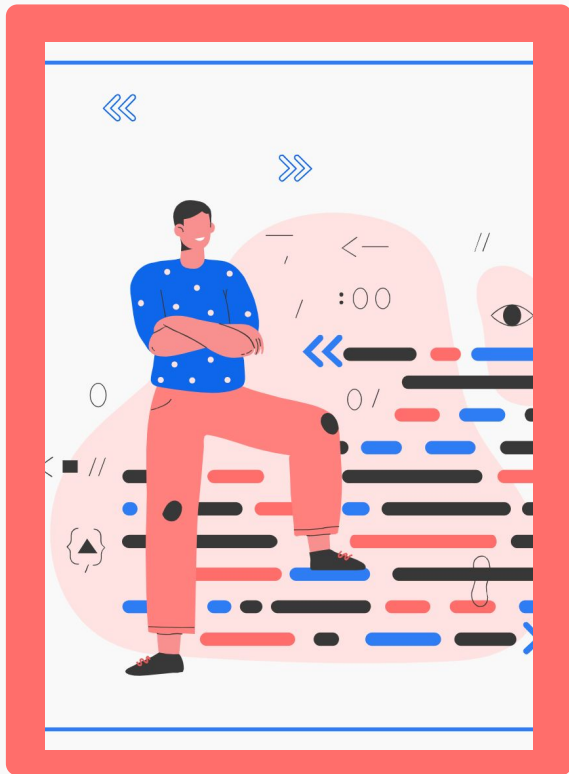npx create-expo-app
AwesomeProject

# App Structure
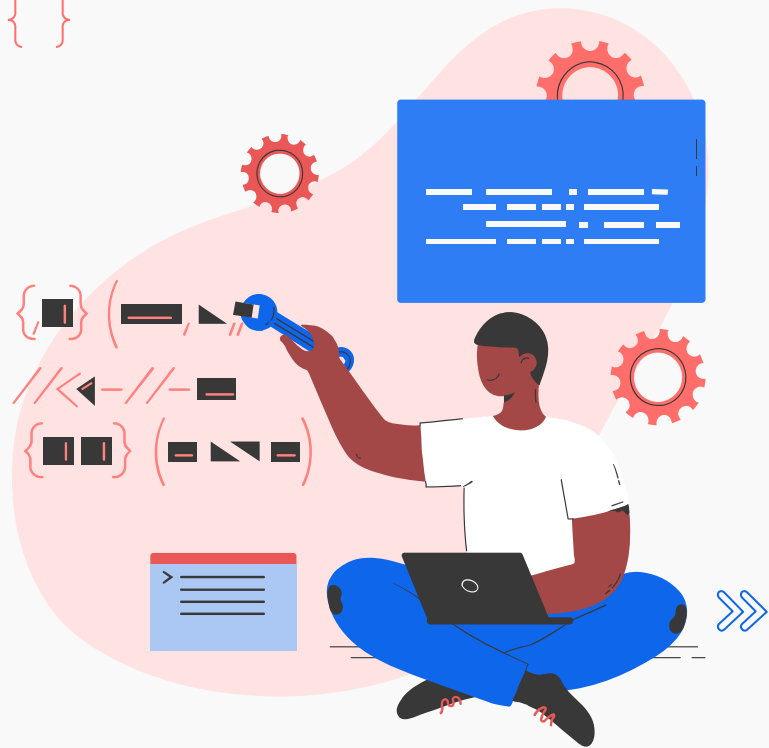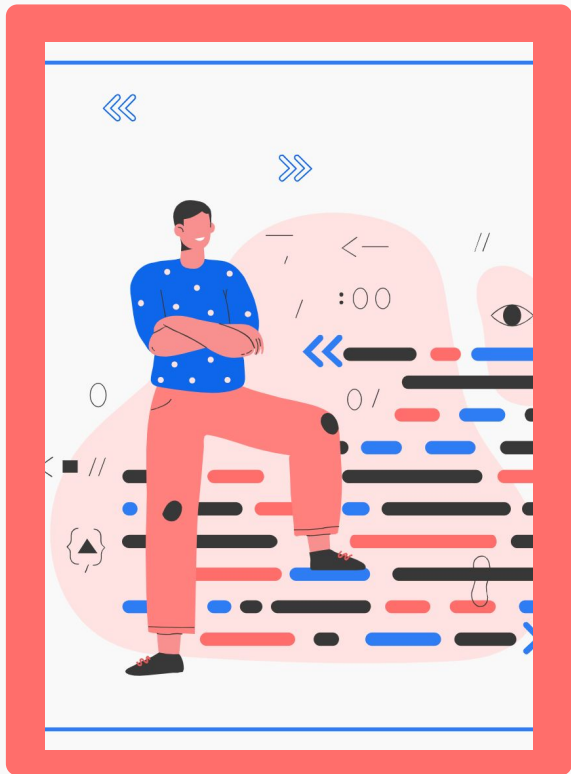
# Run App

npm install -g expo-cli

Then

expo init AwesomeProject

# Tunnel Run

expo start --tunnel

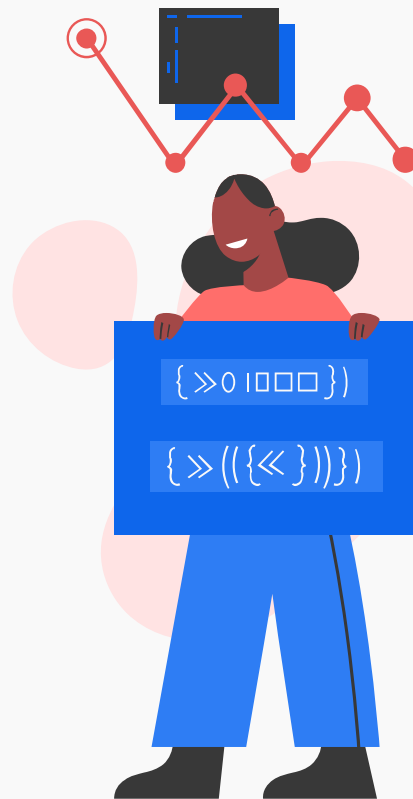# React Dev Tools

We use react dev tool to check component layout

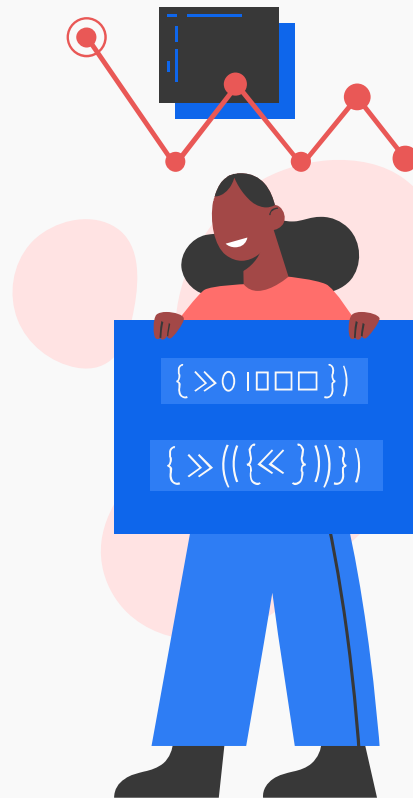# New Component
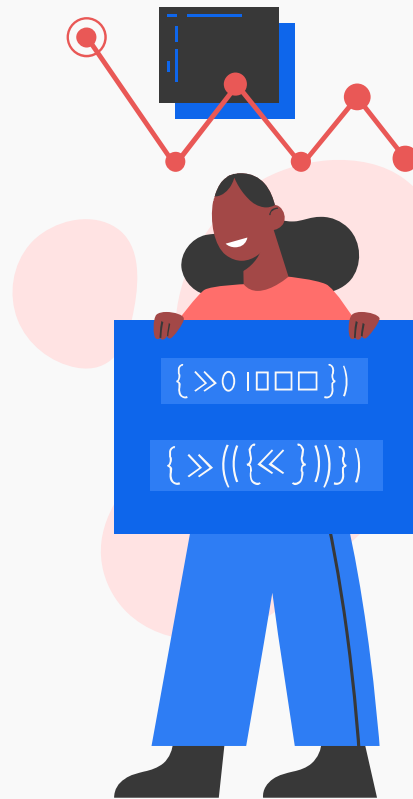
Built in React Native Components
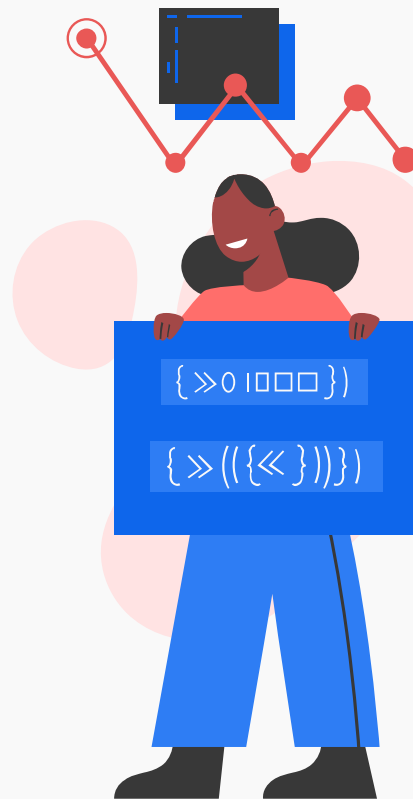
# New Component

View

# New Component

Text

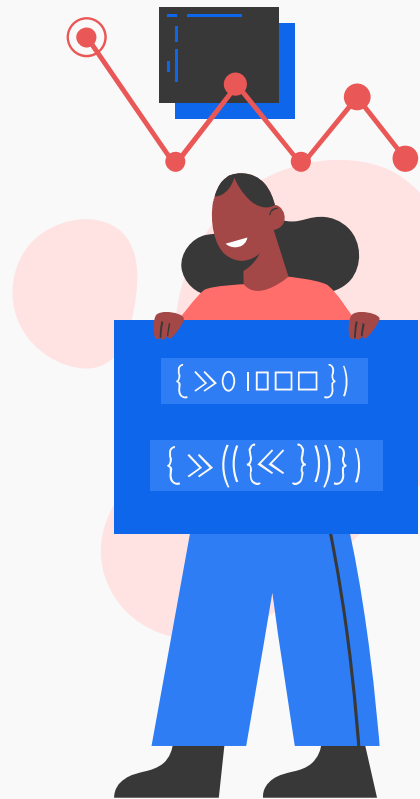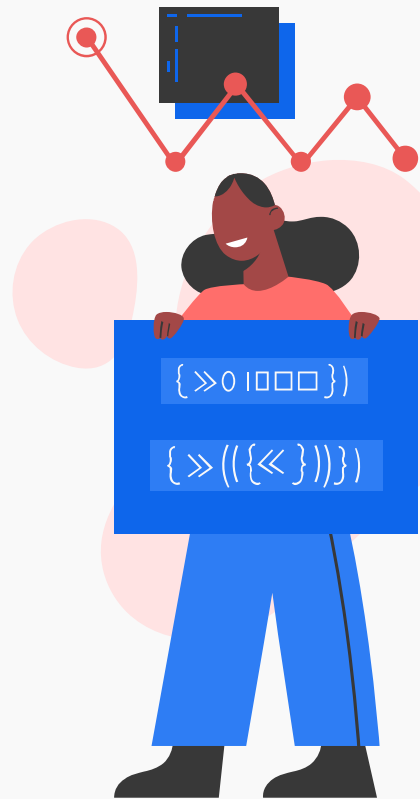# New Component

## SafeAreaView

# New Component

Platform.os

# New Component

ScrollView

# New Component

Image

# New Component

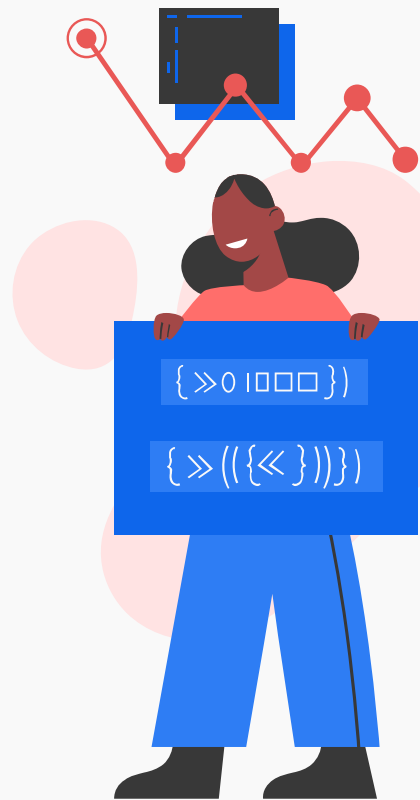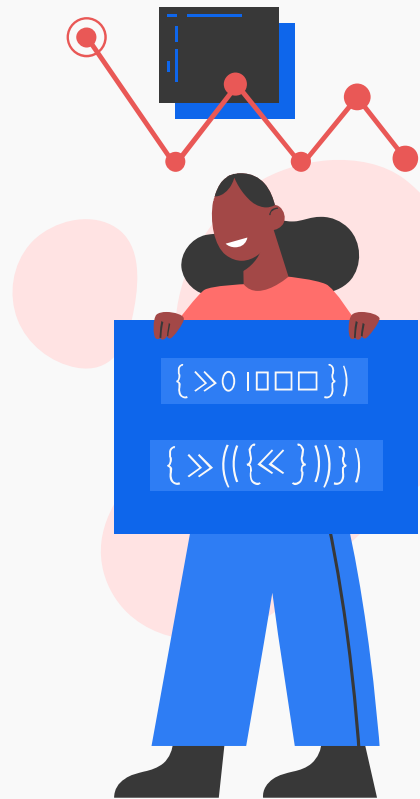**Image Background**

# New Component

**Button**

# React Native Style

- Inline
- Style Object
- Style Sheet