

## Carousel app: React Native code challenge

### Intro

The goal of this challenge is to build a simple Carousel mobile application in React Native. You can use [Expo](#) to develop this application or React Native Client.

### Carousel App

Thank you for filling the form for this Position! It was great getting to know more about your background and accomplishments. As we discussed, please find below the code exercise for you to complete. I appreciate this takes your valuable time and hate to ask- but it's critical within our evaluation process. It allows us to see each candidate's design thinking, code implementation style, and attention to detail.

If possible, please send me your solution back within the next 2-3 days so we can keep moving forwards. If you have any questions or need more time, please let me know.

**Please build an App with a single screen containing a carousel, without using existing "carousel" plugins or libraries.**

#### Requirements:

- Build a carousel.
- **By default display 3 blocks at once.**

**Here you can find an example of a carousel in a mobile app with 3 BLOCKS:**

<https://camo.githubusercontent.com/cdccc64d761287c93cc68e7b1e62733176093f32b062e3881f047325cf6add349/68747470733a2f2f692e696d6775722e636f6d2f653157625a63752e676966>

- Navigation is made with next and previous buttons.
- Next button should be disabled, if the user is at the very end of the carousel.
- Previous button should be disabled, if the user is at the very beginning of the carousel.
- Clicking on next/previous buttons shows next/prev 3 carousel blocks accordingly.
- The source of carousel block is endpoint on server that return following JSON:

```
[{
  title: "First Block",
  image: [url1]
},
{
  title: "Second Block",
  image: [url2]
},
...]
```

- **Additional Feature:** We need to persist the last position of the carousel, so when the app closes (is not running in memory) and opens again we need to start the carousel in that stored position.



## Rules

- Use React Native last stable version or Expo last stable release.
- You have 2-3 days to complete, if you need more time, let us know.
- **Please, don't create more features.**
- Create a Readme with clear instructions on how to run the application and place videos showing how the app is working inside the repo.

## Delivery Steps

1. Create a repo on GitHub and send to us the public link here:

<https://thepuzzle.activehosted.com/f/5>

**PLEASE, UPLOAD VIDEOS OR GIF FILES INSIDE THE README OR REPO SHOWING THE APP WORKING! VERY IMPORTANT!**

2. The app must work in Android and iOS, so please send us a video demo showing the app working. If a good approach, place the videos inside the repo.

3. Please give us 1-2 days for challenge review if we have questions we will come back to you.