Pocket RN Pre-Interview Assignment

Software Developer - Summer Internship 2021

Introduction

Thank you for applying to the Software Developer Summer Internship position at Pocket RN! We want to ensure that this is a good fit for you and for us, and being a virtual company that needs self motivated employees to thrive, a standard interview process is insufficient. So we're going to break convention a bit and ask you to answer an interesting highly realistic pre-interview assignment and get your hands into the kind of work you can expect at Pocket RN for this summer internship.

Below you will find a coding assignment that we ask you to complete. For the project, we ask that you provide the file(s) −zipped or compressed− in a shared folder or over email while specifically excluding **node_modules** and any files/folders generated from a build script; alternatively, you can link us to a GitHub (or other) repository. The repo doesn't need to be private.

We recognize that we're asking for an upfront commitment on your part and you will likely put in a few hours before completing the task. If you cannot commit to finishing the assignment, that's alright, but we will likely only interview candidates for this position at this time who can. If you complete the assignment with a satisfactory solution, we will **guarantee** to set up an interview and take your candidacy very seriously. Please keep in mind that for this position there is only one opening, so we cannot guarantee you the position regardless of your time invested; however, the more attention you put into the process, the more attention we'll put into your candidacy.

During the interviews, our interviewers do **not** ask additional technical or coding "puzzle/challenge" questions; instead, we will validate and expand on your solution to this assessment and determine if you share the same values as our team.

If you have any feedback about the assignment please let us know! If you'd like to get to know us and our company better before investing your time in this project, we'd be delighted to have the conversation over a 30 minute Zoom meeting upon request. Once you complete the assignment, let us know, and we'll review it and get back to you in a couple days. If you have any questions regarding the project, reach out and we'll address them!

Assignment: Mobile/Desktop Navbar

Prompt

We'd like you to write a React app that fulfills a basic website navbar, where the navbar is a full navbar on desktop and a hamburger menu on mobile.

We highly recommend utilizing create-react-app.dev to set up your project. Although not required, if you set it up in TypeScript, you'll be that much closer to how we develop.

Requirements

1. Fulfill these specs in Figma as closely as possible (feel free to "eyeball" the width, height, and other CSS properties). The first two screens show what the navbar looks like on a mobile device with and without the hamburger menu opened. The last screen shows what the navbar looks like on a desktop browser.
2. Use the mulish font. Use this file for the logo. Use the SVGs found in the appendix for the icons.
3. Please document your code as needed and write clean code. Your README should contain the local run/build process for our reviewers.
4. You **cannot** use a library, such as material-ui.com, that gives you access to design components. We want you to build out your own design components as part of the assessment.
5. Beyond these requirements, fulfill the prompt in any way that you see reasonable, using your best judgement. We don't recommend adding a bunch of extra functionality.

Notes

1. You may use whatever libraries (besides the exception listed above), online resources, or anything else you desire.
2. You do not need to write any unit tests for this assessment. You're welcome to, but we're not specifically looking for them.
3. The tasks as part of this assignment will be very similar to what you can expect as part of the internship. If you're comfortable fulfilling the requirements, it's a good sign that you're applying for the right job!

Appendix A - Menu Icon

```
<svg style="width:24px;height:24px" viewBox="0 0 24 24">
    <path d="M3,6H21V8H3V6M3,11H21V13H3V11M3,16H21V18H3V16Z" />
</svg>
```

Appendix B - Close Icon

```
<svg style="width:24px;height:24px" viewBox="0 0 24 24">
    <path
d="M19,6.41L17.59,5L12,10.59L6.41,5L5,6.41L10.59,12L5,17.59L6.41,19L12,13.41L17.59,
19L19,17.59L13.41,12L19,6.41Z" />
</svg>
```