Quad Theory Limited

Frontend Developer Intern Task

NB: <u>Before you start the test please read the full instructions carefully.</u>

Welcome!

Hello and welcome to the Frontend Developer Intern Task! Your mission, should you choose to accept it, is to build a cool webpage based on a given design and use data from an API. Don't worry; we'll guide you through it!

Task Overview

UI Design

We have a fancy design for you to follow. It even has a button that opens a popup for adding new cards. Your job is to make a webpage that looks just like this design. Pay attention to the colours, fonts, and how things are arranged.

UI Design Link

[Link](#)

API

We've got a magical API that gives you a list of items. Each item should be like a card on your webpage. Cool, right?

Api Link: http://www.api.technicaltest.quadtheoryltd.com/api/Item?page=1&pageSize=10

Form for Adding Items

Create a form on your webpage that allows users to add items to the list. Ensure you include proper frontend validation to catch any mistakes.

Note: You don't need to post the data to the backend; just add it to the list you receive from the API.

What We're Looking For

- **Tech Tools:** Use React or Next.js (whichever you're comfortable with).
- **Design Copy-Paste:** Make your webpage look just like our design.
- **Data Fetching:** Grab data from the API to show on your webpage.
- **Responsiveness:** Your webpage should look good on computers, tablets, and phones.

Extra Points

- **Design Help:** Use CSS and Bootstrap to make things look good. If you can sprinkle in some Material UI or Tailwind, awesome!
- **State Management:** Manage your webpage's brainpower with Redux or React Context.
- **Form Fun:** If you need forms, check out Formik or React Hook Form. Show us you can handle errors and validations.

How We'll Check Your Work

We'll be looking at how close your webpage matches our design, if it shows the right info from the API, and if it plays nice on different screens.

What You Need to Do

- Git it Together: Make a public Git repository.
- Show Us Everything: Upload all your work to Git (except node modules folder).
- Talk to Us: Write a README so we know how to use your webpage.
- Go Live: Put your project on Netlify. Give us that link!
- Ping Us: Send an email with your GitHub and live project links To (hr@quadtheoryltd.com) and add this to Cc (khalid@quadtheoryltd.com).

Timeframe and Important Note

You've got 3 days to show us what you can do. If it's not ready by then, we'll have to miss out on your awesomeness.

Any questions? Just ask! We're excited to see your creativity and skills. Good luck!