

FRONTEND RECRUITMENT FOR TAKSHASHILA 2024

OBJECTIVE

You are asked to recreate a design attached along with this markdown.

WHAT TO USE

You are free to use whatever framework and libraries you are comfortable with. But In our team we will be using React for development. So, you should be able to migrate to React if recruited.

WHAT TO DO

1. ANIMATION OBJECTIVE: Need to implement the exact opening animation given in the video.
 - Picture of pikachu should first shrink
 - then it should expand and move right at the same time
 - finally it should stop and the title "Pokemon" should slowly become visible.
2. CODING OBJECTIVE: Need to fetch a random pokemon's data from the given end-point and display required stats of pokemon. **END-POINT** :
"https://pokeapi.co/api/v2/pokemon/"
 - On the top left corner of the screen, there should be a text button "Pokemon", on clicking start the loading pikachu animation.

- Main content should have image of the random pokemon, along with its name, type, height, weight.
- On the top right corner of the screen, have pikachu's picture on clicking, it should fetch some other random pokemon and display the same.

NOTE:

- Background color should alternate between black and white,
- There should be slide animation on each transition.
- Gradient circular background for each pokemon (P.S. you can get color of the gradient from the given API itself)
- Feel free to add extra functionalities and go beyond what is given.

WHAT DO WE EXPECT

- How closely the web page resembles the given design.
- How well the code is written,
 - well formatted
 - documentation / DocStrings
 - clean code easy understandable,
 - intuitive variable name.
 - constructing pure components
- efficient use of react hooks,
 - Unmounting useEffect
 - changing state only when necessary

HOW TO UPLOAD

You can submit your work by any below listed means,

- Push your code to GitHub and send link (If possible host the application on any serverless platform you prefer and send the public link along with GitHub link)

- Put source code into a zip file and submit it through google forms which will be sent via whatsapp group.

FINAL WORDS

- Try to resemble the given design as closely as possible.
- Don't restrict yourself, go beyond what is asked.
- Try to show-off your skill in at least one of the two objectives.
- A crisp and clear documentation file, on how you've achieved the result.