Assignment for Web and Backend dev

This assignment is intended for Web and backend developer application, we require you to finish this assignment within 48 hours of receiving this. Upon completion, clean up the project and upload the project files as a zip to google drive and email us the link, we will get back to you after verifying the code quality, adaptability of the design we provided and best practises.

What you should do:

This will include two sections, one is to design the REST API and the other is to design the frontend and link it with the REST API.

REST API

1. Authentication routes
    a. **Register:** User can register only once, if he retries with the same email, then an error should be thrown as email is already being used.
    b. Login: On next logon to the application, the user should login.
    c. After successful registration/login user should receive jwt token and the application should preserve the token until the user logs out as session token/cookie.
2. Blog routes
    a. **Post:** To create a new blog, which includes the following fields.
        i. Author_id
        ii. Title
        iii. Body
        iv. Date posted
        v. Preview image
        vi. Tags list
        vii. Read (array of users read it)
        viii. Clap (array of users clapped for it)
    b. Get: Get all posts by the author

Frontend:

1. **Authentication pages:** Design them as you like, but it should match the functionality, should show error messages if any.
2. **Blog pages:** After logging in the user should see all his posts listed out. The design for the blog is given below, refer to Fig. 1. On clicking the blog, it should go to a detailed page, refer Fig. 2, it should highlight the title and the body content would be better if it is in markdown(optional). Show dummy data for author name and all other details.
3. **Search:** (optional) (refer Fig. 3)

Fig. 1

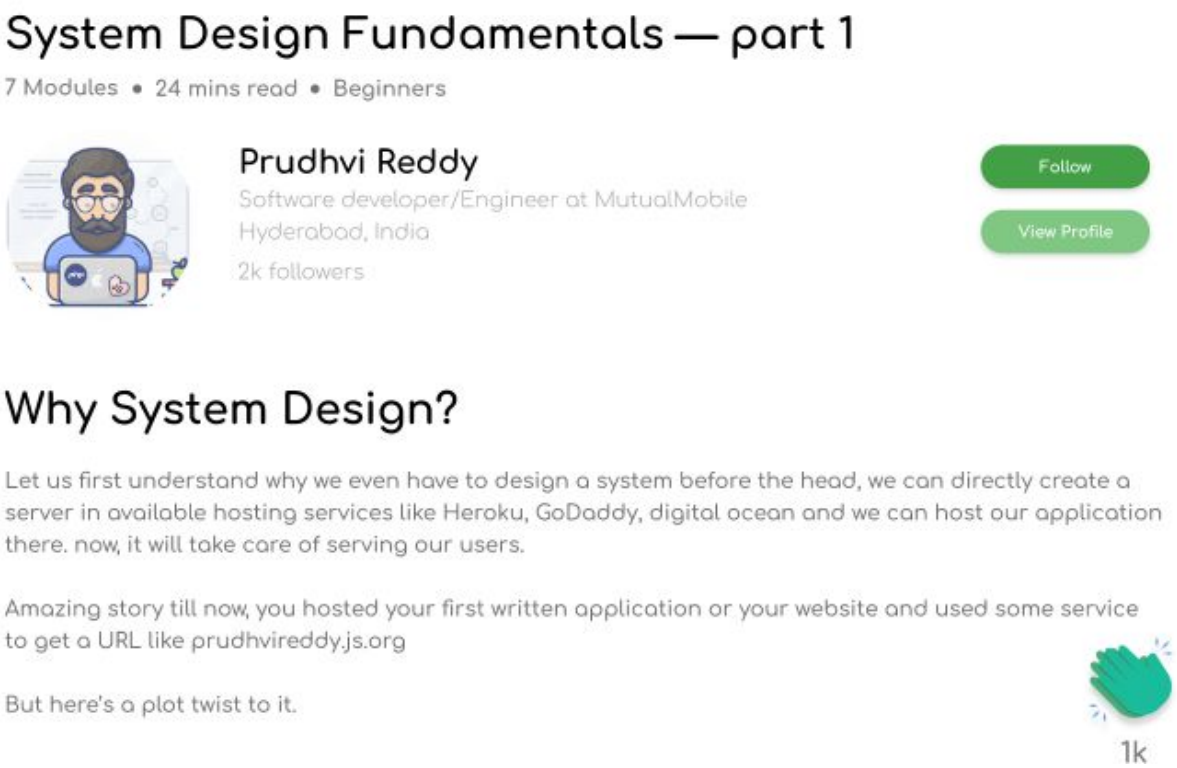

Fig. 2

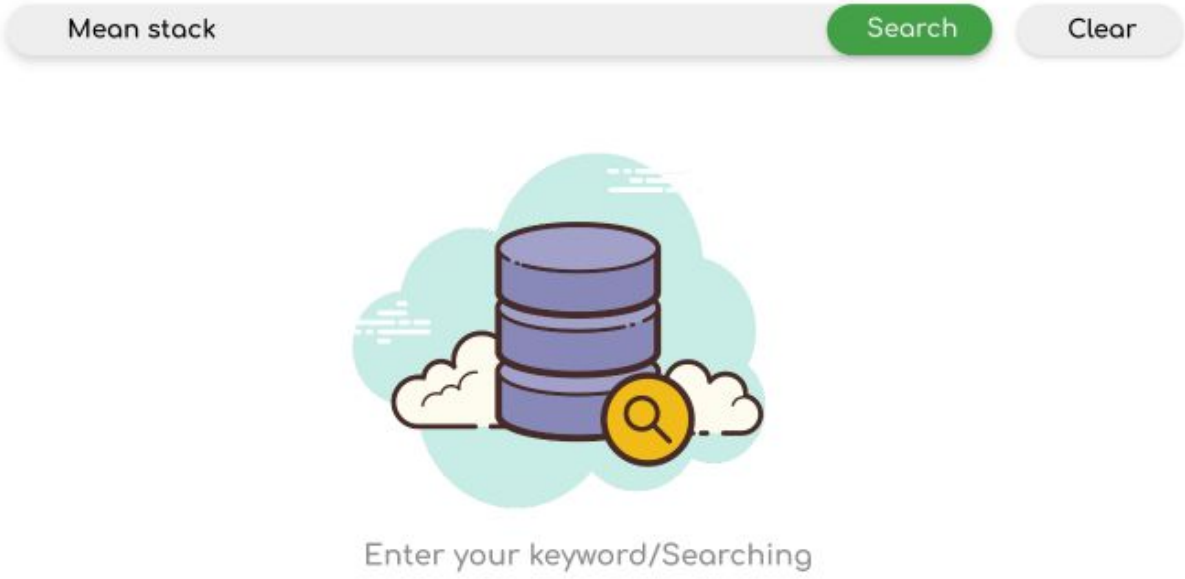

Fig. 3

Things that can make your assignment a plus

MERN stack with code quality and good UX(for login/signup screen)

Submission of the project

You can host the backend in heroku, for database hosting configure and use MongoDB atlas. You can build the frontend into production and place them in the public folder of the backend project. Finally submit all the project files as a zip by mailing us a link to the email you received.

Note: You can use any assets that are available on the internet.