Front End Developer Intern Assignment

Create Simple Social Media Web-Page

Introduction:
In this task, you'll make a basic social media webpage showing info about a random user. You'll use HTML, CSS, and JavaScript. The assignment is divided into three sub-assignments of increasing difficulty, and you can choose which one to do. Your work will be judged on code, design, creativity, and uniqueness.

Instructions:
- Each student must submit their own unique design and code implementation.
- Do not use external libraries or frameworks. Stick to using HTML, CSS, and JavaScript only.
- You will get 24 hours to complete this assignment which can be tracked from your github submissions.

Submission:
Here are the steps to submit your code:
1. Put your code on GitHub. This means creating a repository (a place to store and manage your code) on GitHub's website.
2. Make sure your repository is public. This means that anyone can see the code you've uploaded.
3. Share the link of your repository with us in the following google form.

Sub-Assignment 1: Basic User Card Display (Easy Level)

Create a basic HTML and CSS layout to display user details in an appealing card format.

Tasks:
1. Create an HTML file named `index.html`.
2. Design a card using CSS to display the following details of a user:
   - User's profile picture (use a placeholder image)
   - User’s username
   - User's full name
   - User's gender
   - User’s date of birth
   - User's address
   - User's email address

3. Style the card to make it visually appealing. Use CSS for basic styling like colors, fonts, and spacing.

Note:- You can use the dummy user data to showcase in card

Sub-Assignment 2: Fetching Data and Dynamic Content (Medium Level)

Enhance the webpage by fetching data from the provided API endpoint and dynamically populating the user details.

Tasks:

1. Use JavaScript to make an API request to `https://randomuser.me/api/` using the GET method.
2. Parse the JSON response to extract the user's details:
   - User's profile picture (use a placeholder image)
   - User's username
   - User's full name
   - User's gender
   - User's date of birth
   - User's address
   - User's email address

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3. Use the retrieved data to dynamically update the user card created in Sub-Assignment 1.
4. Implement a button or link that allows the user to fetch a new random user when clicked.

Sub-Assignment 3: Advanced Styling and Layout (Hard Level)

Improve the design and layout of the user card, and add additional features to enhance the user experience.

Tasks:

1. Refine the styling of the user card to make it visually engaging and responsive. Use CSS techniques to create an attractive design.
2. Add hover effects to elements within the user card, such as changing colors or applying transitions.
3. Explore CSS Flexbox or CSS Grid to create a responsive layout that adjusts well to different screen sizes.
4. After clicking on the card, expand the card and show all the user details that you got from the API.

Note:

Remember that each sub-assignment builds upon the previous one. Ensure that your code is organized and well-commented to showcase your understanding of the concepts used.

Bonus (Optional):

Implement additional features such as toggling between light and dark themes, adding animations, or including Google Map feature to plot the user location using lat-long.

Modern product-based startups often assess job candidates by reviewing their open-source contributions and GitHub profiles. This hiring approach emphasizes code quality, documentation, and contributions as key factors, enhancing your chances of making a standout impression.

Good luck