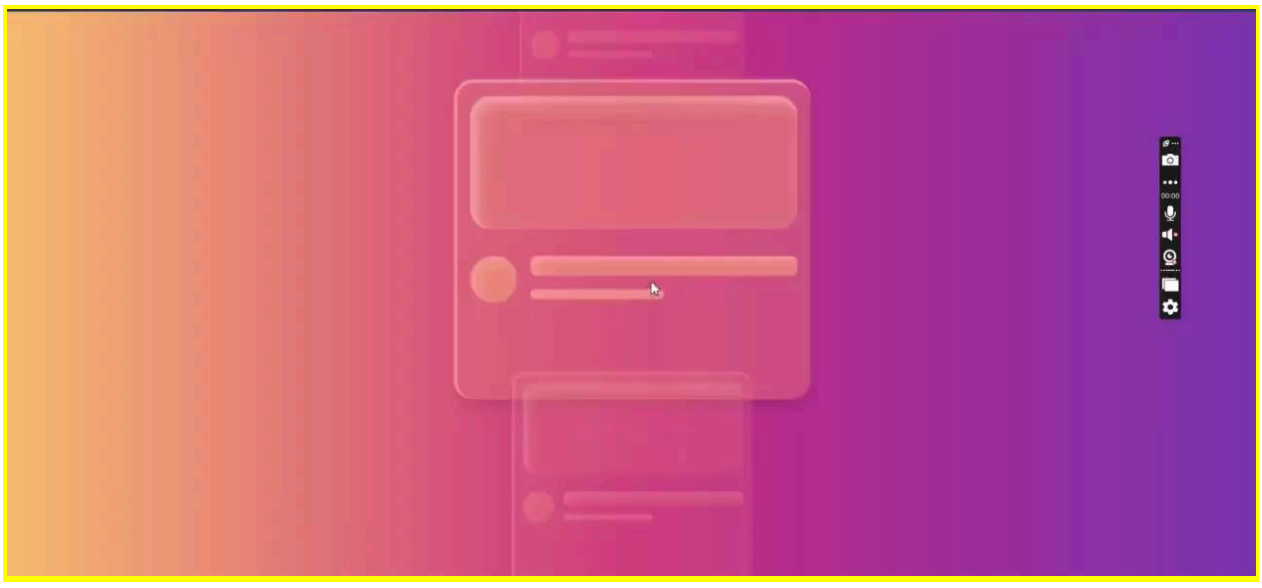
Thank you for participating in the interview.
Below are the tasks listed for you. **You may start whenever you're ready.**

Task A Description:

Kindly convert the following to implementation using HTML, CSS and Javascript only.

Demo Link : Task

Choose ONE of the following projects to complete. Expected time commitment: 3-4 hours.



Task B: Drag-and-Drop Kanban Board

Build a Kanban board with draggable task cards and customizable columns.

****Requirements**:**

- - Implement drag-and-drop functionality using react-beautiful-dnd or similar
- - Create smooth animations for card movement
- - Ensure keyboard accessibility for all features
- - Add local storage persistence
- - Include unit and integration tests
- - Use TypeScript with strict mode enabled

****Bonus:****

- - Add column creation/deletion
- - Implement card search and filtering
- - Add undo/redo functionality
-

Task C: Interactive Form Builder

****Focus Areas:**

- React,
- Form Management,
- Component Composition

Create a drag-and-drop form builder that allows users to create custom forms.

****Requirements:**

- - Build a library of form components (text, select, radio, etc.)
- - Implement form validation using Zod or similar
- - Add preview mode for testing the form
- - Use React.memo and useMemo for optimization
- - Include unit tests for form logic
- - Generate form JSON schema

Bonus:

- - Add form templates
- - Implement form response visualization
- - Add form conditional logic

Evaluation Criteria

Projects will be evaluated on:
1. Code organization and architecture
2. TypeScript/JavaScript best practices
3. Component reusability and composition
4. Test coverage and quality
5. Performance optimization techniques
6. UI/UX considerations
7. Documentation quality

Submission Guidelines

1. Create a public GitHub repository
2. Include a detailed README with:
   - Setup instructions
   - Technology choices and rationale
   - Known limitations/trade-offs
   - Future improvements
3. **Provide a live demo link**
4. Time spent on the project

Send your task through this form:https://cutt.ly/FeCvj63j
dipika@vrittechnologies.com, rahul@vrittechnologies.com

Notes

- Focus on code quality over feature quantity
- It's okay to use UI libraries like Material-UI or Tailwind
- Include comments for complex logic
- Document any assumptions made