EliteFit.AI FSD/SDE Screening Test

Project Title: Simple Task Manager

Thank you for taking the time to do our technical test. It consists of two parts:

- [A coding test](#)
- [A few technical questions](#)

Coding Test:

Objective:

Develop a straightforward task management application. The emphasis is on core functionality and a user-friendly interface.

Core Features:

Dashboard:
- Upon accessing the application, users see a basic dashboard displaying a list of tasks.
- Include sections for upcoming tasks, overdue tasks, and completed tasks.

Task Management:
- Users can add, edit, and delete tasks.
- Tasks should include a title, description, due date, priority level.

Priority Levels:
- Define three priority levels for tasks (e.g., High, Medium, Low).
- Users can set and update the priority of each task.

Search and Filter:
- Implement a search functionality to find tasks quickly.
- Allow users to filter tasks based on priority and completion status.

Technical Requirements:

Frontend:

- Use a lightweight frontend framework (e.g., Vanilla JavaScript, React, or Vue.js).
- Implement a simple and clean user interface.

Local Storage:
- Store task data locally using browser storage (localStorage or sessionStorage).

Technical questions:

Please answer the following questions in a markdown file called: Answers to technical questions.md.

- How long did you spend on the coding test?
- What was the most useful feature that was added to the latest version of your chosen language? Please include a snippet of code that shows how you've used it.
- How would you track down a performance issue in production? Have you ever had to do this?
- If you had more time, what additional features or improvements would you consider adding to the task management application?

Submission Guidelines:

Code Submission:
- You are expected to submit a well-organised codebase via a version control system (e.g., GitHub).
- Include clear instructions on setting up and running the application.

Documentation:
- Include a README.md file with an overview of the project, setup instructions, and any additional information.
- Document any assumptions made during the development process.

Demo:
- Optionally, you may provide a link to a live demo of the application.