ASSIGNMENT (Full Stack MERN Developer)

Job Title –Full Stack Developer
Location – Work From Home
Timeline for the Assignment – 1-2 Days

Assignment:-

You are required to **create a DSA Sheet web application** using **Full Stack technologies (MERN / MEAN stack)**.

Key Features to be Implemented :-

1. **Login Page** – Secure login functionality for students
2. **Topic-wise Chapters / Topics / Problems (DSA Related)** – A structured DSA sheet format.
3. **Subtopics/Problems Under Each Chapter** – Example: Problem 1, Problem 2, Problem 3 etc.
4. **YouTube Tutorial Link** – For each topic/problem.
5. **LeetCode / Codeforces Link** – For relevant coding practice.
6. **Article Link** – For theory reference.
7. **Level Indicator** – Easy / Medium / Tough tagging for each problem/topic.
8. **Progress Tracker (Check Box)** –
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   - Checkbox with each problem.
   - When a student marks it as completed, progress should be saved.
   - On the next login, the student should resume from where they left off.

Deployment Requirement:-

- Once the development part is completed, **deploy the application on AWS**.
- Share the **live AWS deployment link** of the project

Deliverables:-

- Complete **project files/source code**.
- **AWS deployment link**.

Note:-

Once done with the development part, please make a 2-3 minutes video of the entire Project with an audio and recording screen explaining the development part in short.