

We would like to invite you to complete a task that will help us assess your skills and suitability for the position.

Task Details:

Assignment Title: A User Blog Management Platform

Background:

You are assigned to develop a Blog Management Platform that allows users to create, manage, update, and delete Blogs. A blog typically consists of essential components such as a title, an image, and descriptive content. This system will incorporate user authentication and image-uploading capabilities. The technology stack includes Node.js, Express.js for the backend, and PostgreSQL/MongoDB for the database.

Objective:

Develop a secure and efficient Post Management System that enables users to perform CRUD operations on posts, incorporates image uploading, user authentication, and authorization using JSON Web Tokens (JWT).

Requirements:

1. User Authentication and Authorization:

Implement user registration and login functionality using JSON Web Tokens (JWT) for authentication. Ensure that only authenticated users can create, update, or delete their own posts.

2. Post CRUD Operations:

Create API endpoints to handle CRUD operations (Create, Read, Update, Delete) for posts. Implement validation to ensure proper data format and integrity for post-creation and updates.

3. Image Uploading:

Enable users to upload images along with their posts. Store uploaded images securely and link them to the respective posts in the database.

4. Database:

Use PostgreSQL/MongoDB as the database to store user information, posts, and associated images. Design a schema that efficiently manages user data and blog information.

Submit by: Within 48 Hours. Late submission leads to rejection.

We look forward to your participation in the machine test and receiving your completed task. Thank you for your continued interest in joining our team.