

Junior Full-Stack Developer @ Evallo

Assessment Task: Basic Content Submission and Management System

Context:

Evallo is an enterprise software (B2B SaaS) that lets tutoring businesses run their operations through a single platform. Our core features include CRM, Calendar, Invoicing, and Assignments. Here, tutors and tutoring company administrators can assign tests or drills directly to students and generate instant score reports. As of now, Evallo provides them with content, but we will soon be inviting external freelance content creators to publish content for directly selling on our platform.

We want to eventually build a content marketplace where academic content such as practice tests (SAT, ACT, GRE, GMAT, TOEFL, IELTS, JEE, NEET, etc.), worksheets, workbooks, question banks, drills, etc. can be created and uploaded by academic content writers, and this material can be directly purchased by our customers via an online content marketplace that lists a variety of content, filtered by their properties.

Buyer persona – tutoring companies and/or individual tutors (business owners).

Seller persona – academic content writers

Task Overview:

Develop a basic module for Content Creators to submit educational content within the Evallo content marketplace. This task will test the candidates' foundational skills in creating user interfaces and simple backend functionalities.

Features and Requirements

1. **Simple Content Submission Form:**
 - Design a basic form for Content Creators to submit content (e.g., title, description, and a mock file or link).
 - Include essential validation and user feedback for the form entries.
2. **Basic Content Preview Functionality:**
 - Create a simple interface where Content Creators can view the details of their submitted content.
 - Display basic information like title, description, and a link to the mock file.
3. **Backend Development (Node.js, Express.js):**
 - API endpoint for handling content submission.
 - Basic database setup for storing content details (e.g., using MongoDB).
4. **Frontend Development (React.js):**

- Responsive design for the content submission form and preview interface.
- Focus on clarity and usability, suitable for a junior-level implementation.

Submission Guidelines:

1. Source code to be submitted via GitHub.
2. A 5-10 minute video covering:
 - Technical and architectural decisions made during development.
 - Overview of the feature implementation process.
 - Demonstration of the content submission, management, and preview features.
3. Emphasize problem-solving strategies, scalability considerations, and any advanced techniques used.

Assessment Criteria:

- Correct implementation of the content submission and preview interface.
- Code quality at a junior level, including organization and basic documentation.
- Functionality of the backend and database.
- Usability and design of the user interface.