

Subject: Technical Assessment Project - Software Engineering Position

Dear Candidate

Thank you for your interest in the Software Engineer position at [Company Name]. We've reviewed your application and would like to proceed with our technical assessment phase.

We believe in evaluating candidates through practical, real-world scenarios. Here's your project challenge:

**Project:** Social Media Content Analyzer is an application that analyzes social media posts and suggests engagement improvements.

**Required Features:**

1. Document Upload:

- Allow users to upload PDF files and image files (e.g., scanned documents).
- Support drag-and-drop or file picker interface for easy uploads.

2. Text Extraction:

- PDF Parsing: Extract text from PDFs while maintaining formatting.
- OCR (Optical Character Recognition): For image files (scanned documents), extract text using OCR technology (e.g., Tesseract).

**Technical Requirements:**

- Clean, production-quality code
- Basic error handling
- Loading states for better UX
- Simple documentation explaining your approach

**Technical Freedom:**

- Use any frameworks/technologies you're comfortable with
- Free to use AI/ML services (any free tier)
- Collect test data from public sources

**Deliverables:**

1. Working application URL
2. GitHub repository with source code and README

3. Brief write-up of your approach (200 words max)

Timeline:

- Project deadline: 1st Sep 2025
- Time investment: Maximum 8 hours

We'll evaluate based on:

- Problem-solving approach
- Code quality
- Working functionality
- Documentation

Next Steps:

1. Confirm receipt of this email
2. Submit your GitHub repository link and hosted application URL by the deadline
3. We'll review and respond within 3 business days

Questions? Feel free to ask. Good luck!

Best regards, [Your Name] [Company Name]