

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: Visual Product Matcher Build a web application that helps users find visually similar products based on uploaded images.

Required Features:

- Image upload: Support both file upload and image URL input
- Search interface: Users should be able to:
 - View the uploaded image
 - See a list of similar products
 - Filter results (e.g., by similarity score)
- Product database:
 - Minimum 50 products with images
 - Each product should have basic metadata (name, category, etc.)
- Hosting: Live deployment on any free hosting service
- Mobile responsive design

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]