

Task Description Document

Title: Automated CV Scoring and Feedback AI Agent

Objective

To design and implement an AI Agent that collects resumes from a designated folder, processes and scores each resume based on its content (CV and experience), and sends a personalized email back to the candidate with their score and feedback.

Scope of Work

Step 1: Resume Collection

- Monitor or manually collect resumes (PDF/DOCX format) from an email.
- Ensure resumes are uniquely named and organized for tracking purposes.

Expected Output -

1. Masked name.
2. masked email.
3. JD-CV match score.
4. Batch years.
5. Relevant AI experience.
6. Resume scoring.

Step 2: Resume Scoring

- Develop or integrate a resume evaluation algorithm that analyzes:
 - Work experience
 - Education
 - Skills
 - Relevant keywords
 - Formatting and clarity
- Assign a **CV Score** based on predefined criteria and weights.

- Optionally include additional tags or metrics (e.g., years of experience, technical fit score, soft skills).

Step 3: Email Feedback to Candidates

- Extract contact information (preferably email address) from the CV or external source.
- Compose a personalized email template including:
 - CV Score
 - Breakdown of score components
 - Any notable feedback (strengths and weaknesses)
 - Optional: next steps or encouragement message
- Automatically send the email to each candidate using a secure mail server or email API.

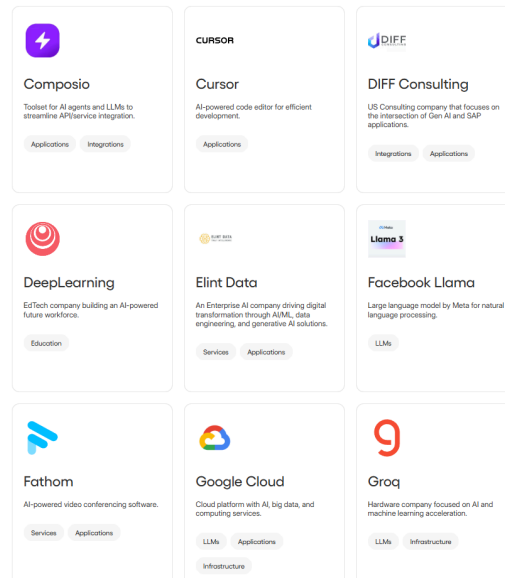
Deliverables

1. Script or pipeline that processes resumes from an email server.
2. Scoring model or function with documented scoring logic.
3. Email automation script with a customizable feedback template.
4. Log system for tracking which resumes have been processed and emailed.
5. Push the agent's code to Elint's community Gitlab.

Dependencies & Tools (Example)

- Programming Language (preferred): Python
- Important Libraries: `os`, `pandas`, `sklearn`, `docx`, `PyPDF2`, `smtplib`
- Email Servers: Gmail API / SMTP server or any
- Optional: Frontend dashboard for manual review

Annexure:



- Using agentic frameworks like [CrewAI](#) (our partner), etc will have bonus points.
- Simplicity in solution and optimized coding is must.
- All the solutions will be submitted to our GitLab public to the OpenSource community.

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