

Python Compatibility Test

Please find below the coding assignment, as part of your technical evaluation. We understand that a proper solution would take days, but please remember, a perfect solution doesn't exist.

We understand that this requires a frontend-backend solution. As a backend developer, your job will be to provide the backend solution. Use minimal frontend to supplement your backend solution if needed.

Requirements:

1. Give a CSV file of company names, create a python module that can find LinkedIn URLs for those companies. The LinkedIn URLs should be stored as a CSV file. And once that is done, extend the script using Playwright browser to find the employee count from LinkedIn and store it in the original file alongside the Company Names.
 1. Use any csv reader you want and any scraper you want to accomplish this.
 2. The module entry point can be a POST API endpoint that accepts csv files and returns the file with company name and employee count or a CLI program.
2. Please ensure the following points as well:
 1. All API calls should be asynchronous.
 2. Include data validations wherever needed for all endpoints taking inputs.
3. Exception handling needs to be present wherever applicable.

Submission Requirements:

1. The code should be submitted via GitHub/BitBucket in a public repository.
2. Simple and minimal design, you can use any extra packages you want to.
3. The code repo should have all supporting/relevant documentation showing all endpoints and detailed steps on how to run the solutions.
4. Please include any extra steps required to create/run any external integrations.

Imp: Do not send an invite to collaborate. Add the code/deliverables to a public repository and share the link to the same to the following email id's: Rashmi K (rashmi.koravi@thinkbridge.in)