

Objective

You need to build a backend server with an endpoint with the objective to take the url of an online business (could be e-commerce, SaaS, etc) as input, scrape the website and return the following information:

- What product/service is being sold on the website? (this is raw text, a description of what the product/service is about should work)
- What is the legal name of the company?
- Link to the company's privacy policy if available
- Link to the company's terms of use if available

Output

Minimum Requirements:

- Github repo with all the code checked in
- README file with instructions on
 - how to start the server
 - A sample request and expected response
- You can save responses on websites that you used for testing. You can use b2b saas startup websites

Nice to Haves:

- Write a test case using fast api test client for the endpoint
 - In this you'll have to mock the call to open AI so that other parts of the code can be tested
- Add a dockerfile and create a public docker image which can be directly pulled for testing
 - If doing this, write the commands which were used to build and deploy the docker image and a link to the docker image

Tech Stack

- Use FastAPI for creating the endpoint
- Use any LLM API, preferably the OpenAI APIs
 - if you sign up, you'll get \$5 for free. If you're not able to get it, let me know and I'll get you an API key