STACKFUSION

ML/AI Engineer Assinment

As a part of our selection process, we would like you to undertake the following task so that you display your
problem-solving skills, determination to work on newer technologies and conceptual clarity.

Task Timing: 2 days

Task details:
1. Create an OCR (optical character recognition) and Train the model which detects the number plates of vehicles.
2. With a good accuracy and precision would be a plus.
3. Kindly avoid use of built in libraries like easy OCR tesseract etc.
4. Also make sure to upload the model on github repository.
5. Deployed assignment with use of Django, Fast API or Flask could have a strong edge over others

Other Requirements:
-If using Python then follow Python's coding standard (PEP8). For other languages/platforms use appropriate
recommended coding standards.
-Use git to revise your code. You can upload your code to GitHub
-Use python virtual environments to manage the dependencies in case you are using Django/Python

What you will submit:
● Upload your application to Heroku cloud or similar online hosting platforms and share URL link for your submission
● Maintain your complete code via GIT. Upload it to Github/Gitlab. Share the repository's link.
● Upload demo video of using the OCR model(optional)

Only deployed submissions will be accepted
NOTE: There is no extra weightage for Django. Developing in any language/framework will carry
Note: You have 2 days to complete and submit the assignment.
Kindly adhere to the test window, any request to extend the test window will not be entertained.

!!Best of Luck!!