

Job title: Django Developer | Remote

Successful completion of this task will result in a **\$300 USD** reward. To claim this reward, you must satisfy all requirements listed below.

*Assignment:

- Build an API that takes inputs of start and finish location both within the USA
- Return a map of the route along with optimal location to fuel up along the route -- optimal mostly means cost effective based on fuel prices
- Assume the vehicle has a maximum range of 500 miles so multiple fuel ups might need to be displayed on the route
- Also return the total money spent on fuel assuming the vehicle achieves 10 miles per gallon
- Use the attached file for a list of fuel prices
- Find a free API yourself for the map and routing

*Requirements:

- Build the app in Django 3.2.23
- Send your results for this project within 3 days of receiving the exercise
- The API should return results quickly, the quicker the better
- The API shouldn't need to call the free map/routing API you found too much. One call to the map/route API is ideal, two or three is acceptable
- Make a loom where you use Postman or similar API platform to demonstrate the API working while also giving a quick overview of your code. 5 minutes max
- Share the code with us