Task - 3 Python Programming (Solution)

Name: B. Vijay Kumar
Batch: 20th September @ HexSoftwares
Internship Role: Python Programming

Geolocation Tracker

Build a script that fetches the user's geolocation using an IP address and displays key details.

Use a public IP API like ip-api.com with Python requests library.

Code (Python):

```python
import requests
def get_public_ip():
    try:
        r =
requests.get('https://api.ipify.org?format=json', timeout=8)
        return r.json().get('ip')
except Exception as e:
        print('Error:', e)
        return None
def get_geo_for_ip(ip):
try:
        url = f'http://ip-api.com/json/{ip}'
        data = requests.get(url).json()
print('City:', data['city'])
        print('Region:', data['regionName'])
        print('Country:',
data['country'])
    except Exception as e:
        print('Geo lookup failed:', e)
ip =
get_public_ip()
if ip:
    get_geo_for_ip(ip)
```

Uses ip-api.com free endpoint. Requires internet and requests library.