Second Interview at SELECTOR.AI (startup)

A.Technical Coding in python(Round 1,Round 3,Round 4)

1. Prime Numbers
2. Valid Parenthesis
3. Max Sum Subarray using Kadanes Algorithm
4. Palindrome String
5. Explain and sort a given array , Sorting Algorithm -> Merge Sort !
6. Give python regex expression , to check for valid IP ?

B. Networking Round

1. What are the difference between TCP and UDP

2. What is Fragmentation ? Why does it happen ?

3. Given a pc, how does it connect to INSTAGRAM.COM server. Explain whole process on White Board. (explain how packet flows in each stage)

- DHCP, DNS,ROUTES,configure static routing

4 . what is the importance of switch in networking?

Remaining

- Basic questions on SQL (get the data from a table and sort them in ascending order.)
- Do know about AWS? If yes explain any tool that you have used?
- Basic questions on resume (explain project over-view) what all libraries in ML, DL, NLP have you used to implement this project.

TAKE AWAYS:

Overall, my performance was good!

Struggled a bit in networking, need to revise the Q B3 above.

For further networking interviews, it would be more than enough and will suffice.