Hi all, in this post I am sharing my experience with Microsoft for Software engineer 2 position.

First round -:

Was an OA (online assessment) round on codility. There were three questions of easy level. Two were related to String manipulation and one was DFS question. One advice I will give for this platform is to think and run on as many test cases as you can as it only runs on 3 test cases.

After first round, I was told that my next round will be happening on upcoming Saturday.

First interview round -:

Write a code for deciding whether two given trees are mirror of each other. Fully working code was required with all corner cases tested. I had a very brief argument about whether my approach was PostOrder or PreOrder. The interviewer was insisting that even though my solution was ok, the labelling was not correct. I just agreed with him finally:)

Second round -:

It was a tree question only. I forgot the question. They he asked a modified version of it which I suggested using Trie. He was satisfied with both the solutions

Third round -:

It was a system design round. The question was to design a web crawler kind of system, but I was not getting the exact problem so he kindly and surprisingly switched to a much simpler question that is to design a URL shortener. In this he asked how to handle corner cases and some modifications like sticky sessions and time to expire. We had good discussions on each approach. And I was happy that he was satisfied with most of the solutions I gave. But i felt this round was mixed because of the first problem.

Fourth round -:

I got the call next day only that my hiring manager round was going to be on Wednesday.

The round entirely comprised on behavioural questions like -:

* Did you face an issue where you committed a grave mistake and you thought it could be deadly to your career? How did you handle it?
* Tell me about a case where you went beyond and above than what was expected?
* Why do you want to switch?
* Where do you see yourself in five years?