

**Deepak Bhardwaj (MCA)**  
**Amazon : On-campus (30th Aug. - 2nd Sept.)**

**Round 1 :: Online Assessment (2.5 hour)**

1. **Section 1** : Debugging Assessment - 10 Problems - 20mins
2. **Section 2** : Coding Assessment - 2 Problems - 70 mins
  - a. <https://leetcode.com/problems/sell-diminishing-valued-colored-balls/>
  - b. <https://www.geeksforgeeks.org/count-number-of-substrings-with-exactly-k-distinct-characters/>
3. **Section 3** : Work Style Assessment - 50 MCQ - 20 mins
4. **Section 4** : Aptitude Assessment - 24 MCQ - 35 mins
5. **Section 5** : Feedback (Mandatory)
6. A total of 35 were shortlisted !

**Round 2 :: Technical Round 1 (1 hour)**

1. We introduced ourselves.
2. Then we directly started off with DSA problems.
  - a. <https://www.geeksforgeeks.org/next-greater-element/>
  - b. <https://www.geeksforgeeks.org/given-an-array-of-numbers-arrange-the-numbers-to-form-the-biggest-number/>
  - c. Third question was a object oriented design question. It was an original problem and I do not remember the whole problem statement. We discussed the problem, I proposed a solution that uses queue and hashtable and was asked to implement it.

**Round 3 :: Technical Round 2 (1 hour)**

1. We introduced ourselves.
2. Then we directly started off with DSA problems.
  - a. <https://leetcode.com/problems/asteroid-collision/description/>
  - b. <https://www.geeksforgeeks.org/minimum-number-platforms-required-railwaybus-station/>
3. Behavioural Questions

**Round 4 :: Bar Raiser Round (1hr)**

1. We introduced ourselves.
2. Behavioural Questions and questions on projects
  - a. We had a discussion on my webRTC project. It was around a 20 mins discussion.
3. Some items were given in pairs that were similar and the task was to put all similar elements in one array and return array of arrays. I implemented the solution using union-find and followed all the best practices, handled all the edge cases, asked right question at the right time, and explained the solution well before implementing it.

**Advices**

1. In each round try to have good discussion. It is good if you solve all the problems but in case you find problem for which you can not think of any solution then in that case if you are able to pick up hints, put up a good discussion and showcase confidence that will help you
2. Round 1: Deliver Results
3. Round 2 and 3: Communicate your solution well and you should be able to implement it.
4. Round 4: I enjoyed the discussion we had in this round. In this round you will be judged on leadership principles, coding practices, quality, technical knowledge, and problem solving.
5. Give your best and accept the outcome.

**I was offered a 6M Internship + FTE.**