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Amazon Interview Experience for Programmer Analyst

- Difficulty Level :\nMedium
- Last Updated :\n04 Oct, 2021

Round 1(OA Assessment \xe2\x80\x93 2 hrs):

- It was conducted in HackerEarth.
- 3 Programming Questions were asked

Round 2(Technical Interview \xe2\x80\x93 1 HR)

- Self Intro
- Directly stepped into coding and 2 coding questions were asked.
- Next Greater Element with little tweak in the question (Instead of finding the next greater element we need to find the index of the next greater element If no greater element present then -1)
    - Eg: arr = [72,73,74,70,69,70,75,76,73,72]
    - O/p: \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0[1, \xc2\xa01, \xc2\xa04, \xc2\xa03, \xc2\xa01, \xc2\xa01, \xc2\xa01, \xc2\xa0-1, -1, -1]
- Two Sum Problem we need to find whether the Sum present in array or not.If present return True as well as the index of the sum else False.
    - Eg: arr = [1,2,3,4,5], Sum = 8 O/P: True [2,4]
- What is the Challenging task that you made in your academics or in your project.
- Any Questions to the interviewer

Round 3(Technical Interview \xe2\x80\x93 1 hr):

- Self Intro
- Asked me to explain the project in depth.
- Explained about the role of Programmer Analyst.
- 2 coding questions were asked.
- Check Whether the tree is BST or Not

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\xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0O/p: False \xc2\xa0 O/p:True \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0

- Nth last node in the linked list.

\xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 Eg \xe2\x80\x93 1: LinkedList = [1,2,3,4,5], n = 3 O/P: 3

\xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 \xc2\xa0 Eg \xe2\x80\x93 2: LinkedList = [1,2,3,4,5], n = 5 O/P: 1

- How have you dived deep into the project you have done?
- Any Questions to the interviewer.

Round 4(Technical + Behavioural Interview \xe2\x80\x93 1 hr):

- Self Intro
- Explanation of all the projects done.
- Questions were based on technology used in project and behavioural questions which includes Leadership Principles.
- Tell me about the time when you to leave the task unfinished
- Tell me about the time when you faced difficulties in the task
- How did you collect the data for your machine learning project?
- Any Questions to the interviewer

Round 5(Final Technical + Behavioural Interview \xe2\x80\x93 1 hr):

- Directly entered into internship experience.
- Most of the questions were from the project done in the internship.
- Tell me about a time where you worked with a customer.
- Tell me about a time where you didn\xe2\x80\x99t satisfy the customer requirements.
- Few questions are from accuracy, precision, recall are the major concepts in ML and DL.
- Given a Coding question to solve.
  - Given two Binary Trees, check if one tree is a mirror of another tree or not.

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                       Eg – 1:

           Root1                   Root2

              1                       1

             / \                     / \

            2   3                   3   2

           / \ / \                 / \ / \

          4 5 6 7                 7 6 5 4          O/p: True

                       Eg – 2:

           Root1                   Root2

              1                       1
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- Asked a few questions about the final year Project.
- Any Questions to the interviewer

Verdict: Selected

My Personal Notes\n*arrow_drop_up*

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