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Amazon Interview Experience for SDE-2

- Difficulty Level :\n[Expert](#)
- Last Updated :\n14 Dec, 2020

Round 1 (Problem Solving+Behavourial 1hour):

1. Given a list of employee-manager pairs, count the hierarchy for an employee. https://www.techiedelight.com/find-employees-who-reports-to-manager/
2. [Return the largest multiple of 3 from the given array.](#)

Behavourial:

1. Most challenging Project
2. An example where you did something innovative

Round2(Problem Solving+Behavourial 1hour)

1. Find a path b/w two villages. (Couldn\xe2\x80\x99t recall the exact question)
2. [Find the missing number in a sorted array](#)

Behavorial:

1. You seek customer feedback and it helped
2. Something challenging you took out of your responsibility, what was the outcome
3. An instance where the customer came up with unreasonable demands and you pushed back

Round 3(System Design + Behavourial 1hour):

Q1. Design a system which receives signals from a set of sensors and display a bitmap on a screen for a given area. An area can have 1000 sensors in 100sq km.\xc2\xa0

Round 4(Hiring Manager 1hour):

Discussed past work, some behavioral questions, and low-level design of a bus booking platform (Similar to MakeMyTrip for Buses)

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