VMware

- **Name :** John K
- **Year :** 2018
- **Role :** R & D Developer
- **Rating of experience :** 4/5

Note : All experiences,names,roles are fictious for purpose of demonstration of this app

ROUND – 1 (Online)

- There were 40 questions and 4 sections:

- Section 1: **10 questions** from Aptitude(time & work, numbers etc https://www.geeksforgeeks.org/placements-gq/)to be solved in **15mins**

- Section 2: **19 questions** from core Computer Science (Networking (35%), Operating System(10%), DataStructures and Algorithms(25%), rest of questions were from dbms, Computer Organisation) to be solved in **30 mins**

- Section 3: **1 Coding Question** (Easy-Moderate level) time limit was **30mins** https://www.geeksforgeeks.org/must-do-coding-questions-for-companies-like-amazon-microsoft-adobe/

- Section 4: **10 Questions** from language section, we had to select two languages from a pool of four languages(Java, C, C++, python3.6) I chose Java and C. I practiced language questions from the language section of gfg. Total **20mins** were given for this section.

- Out of 170 students 32 of them were shortlisted for the interview.

ROUND – 2 (Technical interview - I)

- *Questions were asked from DataStructure, Algorithms and Mathematics.*

   *1)F*ind all the prime numbers which are less than a given number N.
   2)Why do we check up to the square root of a prime number to determine if it is prime or not?
   3)Find a number that has exactly 3 divisors.
   4)Find the number of rectangles on a chess board.
   5)Explain the Binary knap-sack problem.
   6)Why the manhole is circular in shape?
   7)Given an array of numbers separate even numbers and odd numbers (in time complexity – O(N) and space O(1))
   8)Which is greater 25% of 5 or 5% of 25?

- Around 20 people got shortlisted for the next round.

ROUND – 3 (Managerial round)

- The interviewer asked me to consider him as old granny and explain him all my previous projects and internships from scratch. I started explaining him about my 2 internships and 7 projects, he was quite impressed by my projects as they were all based on domains like IOT, machine learning, Augmented Reality and Blockchain.He told me to write down the flow of each project on a paper and mark the work done by me on that particular project.

- After this round 15 people were selected for next round.

ROUND – 4 (Technical interview - II)

- I was told to wait but others gave this round

- Questions were asked from core subjects like
  operating system- different scheduling algos, IPC etc
  networking- SSL protocol, routing techniques, about tcp udp, OSI
  and TCP/IP, question related to arp, dhcp, dns etc
  dbms- queries like find 2nd largest salary from table, ACID
  properties etc

- 6 people got selected for HR round.

ROUND – 5 (HR round)

- Questions asked were:
  What kind of person you are?
  Tell me about your family background.
  What are your previous offers?

- **Atlast 5 people(including me) were selected for FTE+internship and 1 got internship.**

TIPS

- Practicing previous interview questions from GFG helped me!

- While giving the interview you should always wear a smile and try to make the interview as interactive as possible.

- Best of luck!!!