**INTERVIEW EXPERIENCE – TRUMINDS**

Name: Satyandra Pal MCA(2022-24)

**Round1: Online Assessment (Duration: 90 min)**

HackerEarth was the platform used for the online assessment. The test contains 16 MCQ + 1 coding question. MCQ were mainly from CS fundamentals (OS, Computer Organisation and design),DSA questions(basic),Aptitude Logical Reasoning and output questions from C# and Java and Linux commands. Coding question had the weightage of 50 marks while the MCQ carry the same marks.

**Following this round 28 students were selected for the next round.**

**Round2: Techincal Interview + HR round**

Held in the department.Interview was taken by CTO.He started with the introduction and started asking question from my resume .

Asked about the projects.Which technology used for web project.I used React and Node.js.

Which is your prefferable programming language.I answered with C++.Then he gave me a DSA question to print all the missing numbers of an array which contains element from 1 to n.

I asked the size of the array,can I take extra space and info related to question after that I wrote the solution on paper using two pointer approach. One pointer goes from 1 to n and other traverse through array. If array value do not match with the pointer 1 to n print the number.Verified with the test input then shown to him.

Some more questions are like

* Question from tail recursion output question.
* Types of tree traversal.Given a tree write the output of traversal.
* Questions from pointer.
* What is memory leak.
* Why we use NULL pointer.
* Application of stack.
* Stack uses in computer like function call stack.
* Asked about Linux commands which I say I don’t work on linux currently.
* Asked a puzzle where 10 white and 10 black sock in a drawer.How many attempts(min and max) needed to find a pair of same color .

At the end some questions like what are your interests, in which domain you want to work android or web questions like that.

**Review:**

Tell the interviewer truth.If you don’t know a technology say it you don’t know but you are eager to learn and will learn in future.Provide with the genuine answers.Answer after thinking for some time.Do not answer in hurry or instant.

Confirm with the edge cases like what else is needed for the question. One major project, one minor project will work.Questions can be asked from projects so prepare projects well.Work on fundamentals.

There were some students who had one more technical interview rounds.

**Selected with 14 other students for Internship + FTE in Truminds.**

All the best!