

# INTERVIEW EXPERIENCE – Egencia

## Shivani - MCA

### Total Rounds: 3

#### ROUND 1: (ONLINE APTITUDE + CODING TEST)

There were a total of 14 mcq (Java fundamentals) + 4 coding problems.

#### Round 2: Technical Interview (1hr 10mins)

The interview started with my brief introduction. Then he asked some oops and database concepts. Also asked some theoretical questions like advantage of linked list over arrays, difference between linear and nonlinear data structure, which sorting algorithm is best and why. Then he moved to the coding part.

Ques 1. [Length of the longest substring without repeating characters](#)

Ques 2. Return the frequency of each number in a string.

Eg, i/p:- “12113244521”

o/p:- (4,1), (3,2), (1,3), (2,4), (1,5)

#### Round 3: Technical Interview (1hr)

The interviewer asked me to introduce myself. Then he asked me to explain one of my projects and asked some questions. Then he gave one coding problem.

Problem:- [Given an array `arr\[\]` of non-negative integers and an integer `sum`, find a subarray that adds to a given `sum`.](#)

I coded this problem from brute force to the optimized one. At each approach he asked me to dry run my code on the inputs given by him.

In the end he asked me if I have any questions, I asked one and concluded the interview.