

Round 1: Machine Coding

In this round they asked us to implement a simple card input form. It has to contain fields like card number, expiry month, year and CVV. We were briefed about the validations to be put into the form. Also if the validations are successful then the card has to be saved in local storage and should be retrieved on refresh. The restriction here was not to use any framework / external CSS. Everything has to be written from scratch.

The code was being judged on the following parameters:

1. Readability
2. Modularity
3. and how easily it can be changed to fit in new use cases.

As this was an interview for UI, there were points for how good your presentation is. There were some extra, nice to have use cases, that you can put in if you have time left. The time given to implement the whole process was 2 hours.

Round 2: Problem Solving and Data Structure

For this round, all you need to do is brush up basic data structure and algorithms. They don't want the most optimized approach instantly. You will have to think out loud and explain your thought process. Work with the interviewer here to see if there is some restriction to the problem (like not using extra memory or the range of inputs). Having good command of data structures like array, linked list, stack and trees along with commonly used algorithms like sorting and tree traversal will get you through this round.

Round 3: UI

This is the most important round of all. Here they want to see how good your concepts about functional programming are. You also need to brush up networking concepts like TCP, UDP, 3 way handshake, DNS, HTTP methods, status, headers, cross site scripting and how browsers work with these. It would help to go through various functional programming techniques like currying and closure along with JavaScript concepts like hoisting and prototype. A little knowledge of ES6 would help, although not a necessary requirement.

Round 4: Hiring Manager

This is basic HR round where you they will ask your strenght and weaknesses and your goals. And questions like why flipkart and why switching your current company, etc. Their aim here is see you are cultural fit for the company.