

There were a total of 3 rounds for the full stack developer role at Think360 .

1st Round: Online Coding round ,it consisted of 10 MCQ's ,2 Coding questions and one SQL question.

The Coding questions were easy to medium level and the SQL question was more on the easier side.

2nd Round: Starting with a general introduction,the interviewer asked about my past internship experiences and the tech stack I was comfortable in.

Then he asked me to explain OOPS in detail.I explained Abstraction, Inheritance, Polymorphism and Encapsulation each with an example.

After that he asked me to explain the difference between Multiple and Multilevel Inheritance.Then the difference between Runtime and Compile Time polymorphism with examples.After that he asked me to explain the differences between let,const and var in javascript.Then some theory questions like what are OSI layers and Subnets and Supernets in Networking.Along with that what are Scheduling algorithms and explain in detail how Round Robin works and what are the advantages and disadvantages of the same.

Then he asked about what data structures are and why they are used.Also explain in detail how stack is implemented in C++.Then he asked what all sorting algorithms you know and which is best in terms of average-case time complexity.He then asked me to derive the recurrence relation for the Selection sort algorithm along with an example on paper.Then derive the space and time complexity of the same.

After that the interviewer asked me where do you see yourself 5 years down the line and what is your ultimate goal in life.

3rd Round: It was more of a behavioural round ,like most of the questions were not to judge the technical skills ,but how you handle situations and what is your attitude towards learning. Starting with the greetings and introduction of the interviewer and myself,the interviewer asked about my previous internship experiences and what technologies have I worked with or am familiar with.

Then a hypothetical situation was given: If you have to develop an app for the banking system what non-technical details will you keep in mind?

So firstly I said that we need to choose a tech stack that is reliable and will be supported down the line for a longer period ,or it should be easy to migrate our code base.

Other than that in later years the functionalities and requirements will change ,so our app should be robust enough to add functionalities without changing much of the code.

The interviewer then added some points like scalability and security,which are of utmost importance while developing an app.

Then a situation was given that I was in the support team and a user reported a problem with not being able to log in to the app.How will I decide whether this is a frontend issue or a backend one?Then I answered that first we would check if the API call is being made correctly from the frontend using inspect element -> Network tab.Then If the API request is successful and the user is not logged in there is a problem with the backend as it is not sending the required response to the frontend.

The interviewer then added that to better understand where the problem lies we should know the entire ecosystem of the app.

Then the interviewer said he was open to questions ,so I asked about the tech stack I will be working on if I get selected.The interviewer explained everything in detail.