

BARCLAYS INC INTERVIEW EXPERIENCE

Barclays Inc. came to Banasthali University (on Campus) in late September, 2021.

Profile : BA3 Technology Graduates

Eligibility Criteria: CS & IT Final Year with $\geq 60\%$ score

PPT Date - 20th Sept, 2021

Online Assessment Date - 20th Sept, 2021 on HackerEarth

Technical + HR Interview (Only one round) Date - 24th Sept, 2021

Results announcement Date - 29th Sept, 2021

About the Online Assessment Round :

In the Online Assessment, there were two types of questions.

Type 1 : MCQs - no negative marking, mostly output based questions from C++ and JAVA

Type 2 : Coding Questions (2 questions, +20 and +50 mark questions, try to solve as many test cases as possible)

Test Duration : 1 hrs 30 mins

- Camera was on during the test but the microphone was not.
- Tab switching was strictly prohibited.
- Use of pen paper was allowed.
- Using the phone during the test was not allowed.

Why did I pass the online assessment round?

Out of all the MCQs, I solved all except one +4 point MCQ question.

Out of the coding questions, the +20 point question was partially executed (10/14 test cases passed) reason being time complexity and the +50 point coding question was fully executed.

Preparation Tips :

Tip 1 : Take what the teachers say in class seriously. The topics they say or make you mark are very very important from the interview point of view. Core subjects are very important to clear the interview round.

Tip 2 : Try to keep your basics strong. Minute questions can be used to confuse you if your basics are not clear.

Tip 3 : Practice at least 2-3 competitive coding questions on any coding platform you feel comfortable in.

Tip 4 : Before any company comes, read about the latest interview experience of students from other colleges on GFG Archives. It's very helpful.

Tip 5 : Attend the PPT and make notes during PPT. Asking questions at the end of the session is a good habit. Even questions like "how many rounds of interview are going to be there" are entertained. Ask all sorts of questions you think are important at the end of the PPT.

Tip 6 : Say only those words in a sentence while answering a question in an interview in which you can answer more questions. The interviewers pick your words and ask the next question.

Resume Tips :

Tip 1 : Don't mention anything (even soft skills) that you don't have or don't know in the resume.

Tip 2 : The projects you mention in the resume, be clear with them.

Tip 3 : Having a short resume is not an issue, keep in mind to know every detail in your resume (even the interpersonal skills).

Technical + HR Interview :

Interview Duration : 35 mins.

Questions :

- Tell me about your projects (in-house as well as the internship project). *(Since i had written in my resume about the internship as well.)*
- Talk about the role you played in the in-house project.
- What is Referential Integrity (key)? *(Since I said I was majorly working on the database side of the project, DBMS questions were directed to me.)*
- Can we update the child table without updating the parent table, foreign key question? *(This was a trailing question since primary and foreign key was explained in the previous question.)*
- What does 'on delete cascade' and 'on update cascade' do? *(This was again a trailing question since i spoke about the updates in the child table)*
- What are Integrity Constraints?
- Why did I choose to work on the Database side of the project?
- What is my role in the internship project?
- Number of members in my team on both the projects
- What is the biggest challenge I faced? *(I spoke about two challenges, one from technical pov and one from HR pov)*
- What is your biggest accomplishment while working on the projects? *(I spoke about two accomplishments, one from technical pov and one from HR pov)*
- What are your hobbies?
- He then asked me what I had heard about the Values of Barclays.
- Rest of the questions were focused around the values and situation based questions *(for eg, if this happened then what would you do and etc).*
- Do you have any questions for me? *(Don't say no and ask one or two questions.)*

How did I prepare?

Duration of Preparation - 4 months for coding and for core subjects focused during classes.

Platform I used to practice coding questions was Hackerrank.

- Data Structures :
<https://www.geeksforgeeks.org/data-structures/>
Neelam Ma'am's Notes are great.
- OOPS :
Manjeet Sir's Notes are enough or you can read the material available on Javatpoint. During lectures, Manjeet Sir had told us the important topics as well.
- Java :
Manjeet Sir's Notes are enough or you can read the material available on Javatpoint. During lectures, Manjeet Sir had told us the important topics as well.
- DBMS :
<https://www.youtube.com/playlist?list=PLxCzCOWd7aiFAN6l8CuViBuCdJgiOkT2Y>
Abhay Sir's notes are enough and during lectures he told us the important topics as well.
- HTML :
<https://www.geeksforgeeks.org/html-tutorials/>
Knowing even the basics is enough.
- CCNA (I had taken the CISCO CCNA Course) :
<https://www.javatpoint.com/ccna-interview-questions>
The material available on NetAcad is also good.