**Benchmark IT solutions report.**

**Technical**

1. Project related : questions Challenges you faced in project , What was your role in the project , were you leading your team ,
2. Sql joints code
3. Oops concept codes(Inheritance)
4. Binary search code with its working
5. Linear search code with its working
6. Data analyst and data science difference
7. Data science components
8. What is linked list
9. Working of stack and [Queue](https://www.bing.com/ck/a?!&&p=5a0a5669f41754d5a5922fc6841a0f213a71f34c6c4418d8772cb2fc20d29afbJmltdHM9MTczMDg1MTIwMA&ptn=3&ver=2&hsh=4&fclid=04026490-69de-6ae7-1fea-7044686c6bd6&psq=queue+in+c%2b%2b&u=a1aHR0cHM6Ly93d3cuZ2Vla3Nmb3JnZWVrcy5vcmcvcXVldWUtY3BwLXN0bC8&ntb=1)
10. String reversing code
11. Code for swapping two numbers without using third variable
12. Code to find Smallest number from array
13. Code for mathematical tables
14. Tribonacci series Code
15. Interface and abstract class difference(java)
16. Html table code
17. Polymorphism of cpp & java
18. Multiple & multilevel inheritance Diffrence
19. Difference in c & cpp
20. Coherence and correlation differance
21. Constructor in oop
22. MongoDb and Sql Difference
23. Database and excel difference
24. Sql full form
25. What is Primary key ,foreign key and candidate key
26. How to create table in database
27. Counting of letters in string code
28. Concepts of deep learning and its application
29. What is Image processing , video processing and its code , and its working
30. Unique python function working
31. Client server architecture
32. Real world applications of oop
33. Python libraries matplotlib
34. Associations rule
35. Supervised and Unsupervised
36. Four Pillers of OOP with example
37. How does Chat GPT work in background
38. Lifecycle of React
39. Components of React
40. What is J query
41. Ml algorithm : linear regression,logistic regression,random forest
42. How chatbot work on backend
43. What is pandas
44. What is Centralized filtering ,Collabrative filtering , Contained based filtering
45. Pattern extraction code
46. ER diagrams of sql
47. Datatypes in sql
48. How to store image in database
49. Code to return unique elements from array
50. Primary key unique key difference
51. Method overloading code, Overiding code
52. Left joint and left outer joint difference
53. What is gan (image processing)
54. What is Static and non static
55. Logistic regression code from scratch without using libraries
56. How you will use AI in farming ,book store
57. About Chatgpt
58. Code : Creating table using Colspan and rowspan
59. Node js and javascript difference
60. Working of gen Ai
61. Abstract class and static class
62. What is Precision , recall
63. Return one Particular from string
64. Write down code to count the frequency of numbers
65. C++, java => OOP concept
66. What is responsive user interface
67. How do you use AI in Banking
68. If page is not properly loading what will you do ?
69. LLM
70. In detail about internship
71. Chat GPT applications
72. Sorting Questions
73. Questions according to your resume

(There main focus was the projects and your knowledge about that specific domain . Your concepts should be very very clear)

**HR**

1. Projects
2. Hobbies – in details
3. How you see yourself after 5 or 3 years
4. World related (Palestine vs Israel)
5. Recent trends in technology
6. Product development or coding which one you will choose
7. Favourite  movie ,game
8. What do you want to do in life
9. If we give you position of ML engineer or SDE what you will choose
10. President of India
11. Which show you watch on tv and why
12. Cgpa
13. Why did you choose this project
14. If you are selected how will you handle your work
15. Why did you choose react why not angular
16. What got you in computer engineering
17. Are you flexible for another technology (i.e Node.js)
18. Any Research paper published ?
19. Challenges in internship
20. Why do you use chatgpt
21. Questions about hoobies
22. Situation based questions : How will you complete your project in 1month if you dont have any knowledge about it
23. Challenges in team work
24. Scenario based questions: how will you use AI , If any project is given to you how will you do that (ppt generator )
25. Courier goals
26. Family Background
27. Have you appeared for companies earlier and why were you rejected by them
28. What does your Instagram bio mean
29. Your overall background
30. How quick will you learn any other technology other from your domain.
31. Mostly to know your nature and full casual talk

**Feed Back from Company.**

1. Students are weak in English
2. Students should know the basics
3. Students should be flexible in Coding languages
4. Should know about trending technologies and should adapt things