**GEP Solutions Pvt. Ltd.**

Name: **Swapnil Dilip Pachupate**

Technical Round (R1 Interview):

(By Software Lead - Engg.)

1. Introduce yourself
2. Project Details
3. Your role in project
4. What r u comfortable with Java or .Net
5. So ur project was on MongoDB, Tell me why you choose MongoDB
6. Advantages of MongoDB over MySQL
7. Oops concepts in Java
8. What is abstract class
9. Diff. between Abstract class & Interface
10. What is Sealed class
11. You have used SpringBoot, What are microservices in java
12. Describe microservices architecture
13. Structure of microservices
14. What is RestAPI
15. How do you write RestAPIs
16. Full form of RestAPI
17. What is better - RestAPI or Microservices
18. Diff. between RestAPI & Microservices & explain working/functioning of both
19. Real Life scenario- If u r creating an online shopping site/application. What will u use RestAPIs or Microservices to develope it
20. And why... explain
21. Explain Dependency injection & how do we achieve it
22. What is singleton class
23. How do u create the first instance of singleton class
24. Where do we use singleton classes
25. Explain getInstance() method
26. Explain static methods
27. Diff. between normal & static methods
28. Diff. between static & non-static methods
29. Have you learnt AngularJS (I said No, I have learnt HTML, CSS, JS and Reactjs. Then he asked questions on JS)
30. Explain inheritance in JavaScript. How do u achieve it
31. What is prototype in JavaScript
32. How to change prototype
33. What are JavaScript promises. How do u use them
34. What is state & result in JS promises
35. What are 3 states of promises (Resolved, Reject, Pending)
36. What are synchronous and asynchronous API calls. Diff. between them
37. Adv. & Disadv. of sync & async API calls
38. Which one of them is better to use & why
39. Few code snippets were also shown on the screen & desired output was asked (both java & DS code snippets)
40. DS based puzzles (e.g. 10 balls are taken, how will u find weight of heaviest ball) Ans:- Divide & conquer approach

Leadership Round (R2 Interview):

(By Associate Director - Engg.)

1. Introduce yourself
2. Project Details
3. Your Role in project
4. Why IT over Chemical
5. Explain What is MongoDB
6. What is MongoDB basic architecture
7. How to create collections in MongoDB
8. How do you link backend with MongoDB
9. Explain early binding & late binding in java & C#
10. Adv. & Disadv. of early & late binding
11. What is inner join & outer join. State their differences
12. Java OOPS concepts
13. Explain Sharding & partitioning in MongoDB
14. Fields/ datatypes supported in MongoDB
15. Why MongoDB over MySQL
16. Explain how u have implemented OOPs concepts in ur project

HR round (R3 interview):

1. How are you feeling that u have reached to the last round of ur selection process
2. Introduce yourself
3. Family Background
4. Why IT over Chemical
5. Are u willing to relocate to Mumbai
6. There are a lot many IT companies in Pune (which is nearer to my native place) than Mumbai, then why Mumbai, why not Pune
7. Ur strengths & weakness
8. Past work experience
9. Current journey of CDAC course
10. What I learnt during this period
11. Have u done any research regarding our company (I said yes)
12. Then tell me what u know
13. What are ur long term goals