

# Amdocs Interview Experience

Role : Associate Software Engineer

Virtual : 18<sup>th</sup> Oct 2022

**CGPA Cut-off** : 6.5 12th and 10th - 60% (CGPA is further decrease to 6.3)

**Eligible Branches** : BTech - CSE, ECE, EEE, MTech - CSE, ECE and MCA

**CTC** : 12L

## First Round : Online Coding Test (2hr)

Platform : hirepro

Aptitude	:	15 questions	20 min.	Easy level
Technical	:	18 questions	20 min.	Easy level
Generic Coding	:	03 questions	60 min.	Easy level
Verbal Ability	:	10 questions	10 min.	Easy level
Java / C++	:	08 questions	10 min.	Easy level

*Generic Coding questions :*

1. [Count pair of same characters](#) (Easy, passed all TC)
2. [Reverse and add until it becomes prime](#) (Easy, passed all TC)
3. <https://leetcode.com/discuss/interview-question/901547/goldman-sachs-sde-2020> (Medium, passed zero TC)

## Second Round : PSYCHOMETRIC TEST (15 min)

Platform : hirepro

A test that is designed to show someone's personality, mental ability, opinions, etc.,

This was a non-eliminating round

## **Third Round : Technical Interview (1hr)**

Platform : hirepro

### **Till me something about yourself**

Hello my name is Sachin Mahendra Gaikwad and I am from Mumbai, I have completed my schooling and higher education in Mumbai itself, where I recently attained a bachelor's degree in computer application and currently, I am pursuing MCA from NITW. Computer science is omnipresent that is it is present in every field and hence I have invested almost these 3 years learning CS concepts. My technical skills include programming in C, C++, Java, PHP and I am also familiar with web terminologies like HTML, CSS and JavaScript etc. and I have also created several impact full projects using these technologies. This all about my technical skills. Apart from studies I love playing cricket and have represented my school in many competitions. My active participation in sports has taught me many skills. I wish to use my technical acumen to contribute to a team that works at scale and creates a positive impact on society, and lastly, I would like to say that why not to start my journey of success begins with the success of joining Amdocs, Thank you so much!

### **Project Discussion**

Explain your most recently created project

I have created an Online Food Plaza Website. A web application in java, so that I explained.

**Some follow up questions by interviewer after hearing my explanation :**

1. How oops concepts you have implemented in this project ?
2. What is the difference between servlet and JSP
3. Which one you have used JSP or Servlet ?
4. How you have implemented session tracking ?
5. How communication with the database is going to take place ?
6. JDBS steps and components ?

Explain your second project

I explained the second project like this : An ML based application (salary prediction system) which can predicts the salary of an employee based on his / her working experience in the company using linear regression algorithm. Implemented in python using python core concepts

**A short debate on this project :**

**Interviewer :** where this project can be used for ? what kind of problem it is solving ?

**Me :** it can be use by an HR for deciding the salary of a newly hired employee based on his / her working experience.

**Interviewer :** but HR is already, a very experience person in order to decide salary of an employee, so why would he will use this system.

**Me :** actually, the project is not specific for salary prediction it can be used for some other prediction also.

**Interviewer :** ok but, still question remain there only where it can use for, what kind of problem it is solving ?

**Me :** to be honest I have not created this project with the intension of solving any problem, after learning python to get a hands-on experience on python I have created this project

**Interviewer :** okay... with a smile 😊

## **Discussion on Call by value and Call by reference concept**

1. What is the difference between call by value and call by reference
2. Java is call by value or call by reference ?
3. Can we achieve call by reference in java ?
4. But I think arrays and objects are call by reference in java, what say ?

**Note :** there is nothing called as call by reference in java. call by reference is strictly applies to C++ where we use & symbol in the formal argument, in case of array and objects both are of reference type in java means, the reference its self is getting passed as value.

## **DBMS Related questions**

1. What is Normalization
2. What are ACID properties

## SQL Related questions

1. A simple inner join query

## Coding Related questions

1. Second largest element from an array
2. Predict the output of the following java code

```
public class Example
{
    public static void swap(int a, int b)
    {
        int temp = a;
        a = b;
        b = temp;
    }
    public static void main(String args[])
    {
        int a = 10;
        int b = 20;
        swap(a,b);
        System.out.println(a+" "+b);
    }
}
```

Output : 10 20

## DSA Related questions

1. No questions from DSA for me

Note : some of my friends have ask about DSA topics

## OS Related questions

1. No questions from OS for me

Note : some of my friends have ask about OS

## **Programming Language Related questions**

1. Which programming language you are most comfortable with ?
2. Difference between C++ and Java
3. Collection framework in java ?

## **Object Oriented Programming Related questions**

1. Pillars of oops
2. Why multiple inheritance is not supported in java
3. How multiple inheritance can be achieved in java ?
4. How that ambiguity in multiple inheritance is avoided in C++
5. What is diamond problem ?
6. What is virtual function in C++ ?
7. What is abstract class in C++ and Java both
8. What is interface in C++ and Java both
9. What are static variable and functions in C++ and Java both

**Note :** I have already said that I know both the languages i.e., the interview is asking question comparing both the languages

## **Interviewer : Do you have any questions**

**Me : Yes**

1. How was your experience working for Amdocs
2. What are Amdocs Expectations form a fresher ?
3. How I conducted myself in the interview ?

27 out of 50 students are shortlisted for HR Round

## HR Round (10 min.)

Platform : hirepro

1. Introduce yourself
2. why Amdocs ?
3. What are your Strength and Weakness ?
4. 10th, 12th, UG and PG CGPA / Percentage and passing year ?
5. Any gap in education ?

All 27 are selected, 16 from MCA

## Tips :

- If you are not very good at technical then your good communication skills, soft skills, confidence, presentation will surely somewhere compensate that.
- Try to answer each question in such a way that the interview should pick up his/her next question from your previous answer, this is how you are traversing you interview by yourself.

For Example,

Interview : what is multiple inheritance in java ?

you : explain him/her what is multiple inheritance and end the answer saying but it is supported in C++.

so here, there is a very high chance that the interview will now ask you how it is supported in C++ ?

- There is no problem in debate and funny answers with interviewer.
- Right approach is more important than right answer.
- If interview say do you have any question, always ask him / her.
- Don't neglect core subjects (OOPs, DBMS, OS) at the cost of DSA. both are equally important.
- Mocks and Experiences (interview / seniors) are very help full.

**Final Verdict : Selected!**  
**Sachin Mahendra Gaikwad, MCA**