

## **Odoo Placement Drive Experience**

The Odoo Placement Drive consisted of three key stages: an aptitude test, a coding round, and a technical interview. Below is a detailed overview of each stage, including the format, topics covered, and my personal experience.

### **Stage 1: Aptitude Test**

- **Duration:** 1 hour
- **Number of Questions:** 28 quantitative & logical questions, 3 verbal questions

#### **Topics and Sample Questions:**

##### **1. Quantitative & Logical:**

- By selling a pen for \$15, a man loses one-sixteenth of what it costs him. What is the cost price of the pen?
- There are two clocks of different colors: the green clock is broken and doesn't run, while the yellow clock loses one second every 24 hours. Which clock is more accurate?
- A motorist travels to a place 150 km away at an average speed of 50 km per hour and returns at 30 km per hour. What is his average speed for the entire journey?
- If  $\frac{1}{8}$  of a pencil is black, half of the remaining part is white, and the remaining  $\frac{7}{2}$  cm is blue, what is the total length of the pencil?
- The ages of two people differ by 20 years. If 5 years ago, the older person was five times as old as the younger one, what are their present ages?
- The average height of students in a class of 20 is 160 cm. If 30 additional students with an average height of 150 cm join, what will the new average height of the class be?
- At a round table, Mike sits between Judy and Molly. Molly sits between two men, as do Judy and Jonah. Jonah sits next to Rick. Judy doesn't sit next to Jonah or John, but John sits next to a girl. Who does Judy sit between?
- If you sleep 10 hours, someone wakes you up 10 hours earlier, then you sleep another 3 hours before waking up. How long did you sleep?
- Today is Monday. What day will it be 61 days from now?

## 2. Verbal Questions:

- Write a formal email reply to a client troubleshooting an internet connectivity issue on Chrome, suggesting various solutions.
- Rewrite a sample email to make it more casual and error-free.
- Why should Odoo recruit you?

### Topics Covered:

- **Quantitative Aptitude:** Time and Work, Speed and Distance, Age Problems
- **Logical Reasoning:** Number Series, Day Calculation
- **Verbal Ability:** English Grammar, Tenses, Vocabulary, Email Writing

**My Experience:** The aptitude round was straightforward and primarily required a basic understanding of foundational concepts. The questions were simple and easy to solve.

## Stage 2: Coding Round

- **Format:**
  - **Number of Problems:** 4 (3 coding problems and 1 SQL query)
  - **Platform:** Coderbyte
  - **Duration:** 90 minutes

### Topics and Questions:

1. **SQL Query:**
  - Write a query to count rows where FirstName contains an "e" and LastName has more than five characters.
2. **Array Challenge:**
  - Write a program to find and return the length of the longest increasing subsequence in a given array of positive integers.
3. **String Challenge:**
  - Create a program to reverse a string while converting characters to the opposite case (uppercase to lowercase and vice versa) and preserving whitespace.
4. **Recursion:**
  - Implement a recursive function to calculate the factorial of positive integers.
5. **Prime Number Check:**

- Write a program to check if a number is prime. If it isn't, reverse the number and check if the reversed number is prime.

### **Languages Allowed:**

All programming languages were permitted.

**My Experience:** The coding questions ranged from easy to medium difficulty. The platform allowed access to Google search for additional help, so I focused on simple, optimized solutions, ensuring all conditions were addressed.

### **Stage 3: Interview**

- **Format:**
  - **Interview Type:** Technical
  - **Number of Rounds:** 1
  - **Duration:** 1.5 hours

### **Topics and Questions:**

#### **1. Technical Questions:**

- Coding Problems: Implement solutions as per given inputs, such as merging arrays and working with recursion.
- SQL Query on Joins: Write queries to demonstrate knowledge of joins.
- JavaScript: Write pseudocode and then determine the output.

#### **2. Example Coding Tasks:**

- Write a recursive function to merge two lists (e.g., A = ['a', 'b', 'c', 'd', 'e'] and B = [1, 2, 3, 4]) to form a new list C = ['a', 1, 'b', 2, 'c', 3, 'd', 4, 'e'].
- Duplication in array using recursion.
- Leetcode medium level question related to matrix.
- Prime Number Program: Using a different approach, write a recursive function to check if a number is prime.
- Even Gray Code: Implement a solution for Even Gray Code using recursion (as found on Codewars).

#### **3. Project and Resume-Based Questions:**

- Discuss projects listed on the resume, elaborate on roles and responsibilities, and explain the approach taken for problem-solving.

**My Experience:** The interview focused on assessing problem-solving abilities and a candidate's understanding of programming fundamentals. The interviewer was patient and provided ample time for each question, emphasizing clarity in the approach over speed.

## **Conclusion**

The Odoo Placement Drive provided a thorough assessment of both technical and problem-solving skills across three stages. The experience underscored the importance of solid foundational knowledge and the ability to articulate solutions clearly. Overall, If you are opting for Odoo you should be comfortable with coding, basic SQL, and possess strong logical thinking skills are likely to excel in this selction process.