

Thank you for your interest in working with us. / Position PHP pure/ DrBalcony

### Section One:

If you have any information about the following topics, please write a brief summary. Note that it doesn't matter if your information about them is more or less. I want this information to be written based on whatever is in your mind and to refrain from searching and checking others.

If you have no idea about each one, put the word "Nothing" in front of it.

"I want to remind you again that I know finding the following information is very easy, and not knowing it is definitely not a negative point, as a true programmer is someone who has more skill in searching and finding answers than coding. However, it is important for me to know exactly what fundamental information you have about the following matters."

1. PDO
2. MVC
3. apt update
4. Container
5. Nginx
6. Docker image
7. SSH
8. SSL
9. git fetch
10. Twilio
11. .env
12. .htaccess
13. XML

14. .gitignore
15. crontab
16. Redis
17. port 53
18. DNS
19. centos
20. curl
21. file\_put\_content
22. position: fixed
23. Ajax
24. chatGPT
25. API
26. Trigger (mysql)
27. index (mysql)
28. OAuth
29. Base64

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## Section Two:

Please answer these questions about working conditions:

1. What is the OS you usually work with?
2. If not Linux, how prepared are you to work with it?
3. How ready are you to permanently change your operating system to Linux? (0 to 10)
4. What editor do you usually work with? (Notepad++, PHPstorm, VSCode, ...)
5. Are you familiar with Jira?

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### Section Three:

Imagine yourself in the following situation, and then tell me what you will do.

1. Imagine you need guidance from the technical manager to complete a task, and you've asked them a question that the task's success relies on their answer. However, they might not be able to respond for some reason. In such a situation, what would you do?

2. Imagine that the system encounters a very serious bug. Initially, you are confident that your code is not the issue, and you inform the whole team that the problem must not have been caused by your side. The team is investigating the code to find the problem, and you assume they won't discover what caused the bug, but during your own investigation, you realize that the bug was indeed caused by your code. What would you do in this situation?

3. Imagine that a part of the platform is supposed to be presented to important individuals, and the technical manager was initially assigned to do it. However, the technical manager cannot attend at the scheduled time for some reason. The company's manager asks you to present the system instead of the technical manager. What would you do in this situation?

4. Imagine in a company setting that someone mocks your activities and occasionally says that you don't have enough capability and skills for this position, and you always mess things up. What would you do in such a situation?

5. Imagine we are close to a very important product release, and all team members decide to allocate more time to meet the deadline. However, you have the option not to exceed the defined timeline. What would you do in this situation?

Please write your answer as detailed, comprehensive, and lengthy as possible.

There is also no rush to get a response. Take enough time for it.

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### **Coding TEST:**

1. A user registration form containing several optional fields.
2. An order registration form with the user's name field at the top. When typing in this field, it instantly searches among existing users and displays users with similar names. Additionally, it contains a series of optional fields for order registration.
3. A list of users for whom we have registered the most orders, sorted from the highest to the lowest number of orders. This list should be displayed in a grid format with the following columns: user name, user registration time, number of purchases, and date of the last purchase. In the last column, if the number of orders is equal to or greater than 5, it should display the word "active"; if less than 5, it should display the word "inactive."
4. The MySQL query should be written so that, with PHP, only the query output is placed in the grid, and all the final data required is present in the query output itself. In other words, the query output should resemble the final grid.

Notes:

The structure of the tables should also be provided.

Testing the project is not mandatory.

Preferably, use classes and functions.

It is preferred that you write the classes and functions.

Email [mo.kaam@drbalcony.com](mailto:mo.kaam@drbalcony.com) should you have any questions. Email the results to both [mo.kaam@drbalcony.com](mailto:mo.kaam@drbalcony.com) and [hro@drbalcony.com](mailto:hro@drbalcony.com)

Good Luck!