PHP Developer Interview Preparation Guide

Interview Questions & Sample Answers

1. Can you describe your experience with PHP and MySQL projects?

Share real project examples. Mention systems you built, tech stack used, and your role.

2. How do you ensure the security of your PHP applications?

Talk about input validation, output escaping, prepared statements, and password hashing.

3. How do you handle debugging and troubleshooting PHP code?

Mention error reporting, logging, using var_dump or log files, and systematic debugging.

4. Describe a challenge you faced in one of your projects and how you solved it.

Share a specific problem, your approach to solve it, and the result.

5. How do you manage time and communication while working remotely?

Discuss tools like Trello, Slack, clear reporting, and proactive communication.

6. Are you familiar with REST APIs? Have you integrated or built one?

Explain how you've built or consumed APIs, data handling, and security concerns.

7. What tools do you use for deployment and version control?

Mention Git, GitHub, cPanel, DigitalOcean, or other relevant tools.

8. What do you do if you are stuck on a problem and can't reach your team lead immediately?

Talk about independent research, documenting attempts, and communicating clearly.

9. How do you prioritize tasks when multiple deadlines overlap?

Explain task breakdown, priority management, and early communication with clients.

10. Why should we hire you for this role?

Summarize your experience, skills, adaptability, and readiness to deliver remotely.

Common PHP Coding Questions & Answers

1. Write a PHP function to reverse a string.

```php
function reverseString($str) {
    return strrev($str);
}
```

2. Write a PHP function to check if a number is even or odd.

```php
function checkEvenOdd($num) {
    return ($num % 2 == 0) ? 'Even' : 'Odd';
}
```

3. Write a PHP script to connect to a MySQL database.

```php
$conn = new mysqli('localhost', 'username', 'password', 'database');
if ($conn->connect_error) {
    die('Connection failed: ' . $conn->connect_error);
}
```

4. How do you prevent SQL Injection in PHP?

Use prepared statements with PDO or MySQLi.

5. How do you hash a password in PHP?

```php
$hashedPassword = password_hash('userpassword', PASSWORD_DEFAULT);
```