

63 Symfony interview questions to help you hire top developers

Questions

1. What is Symfony and what are its main features?
2. Can you explain the concept of a bundle in Symfony?
3. How does Symfony manage routing?
4. What is the role of the Service Container in Symfony?
5. How do you handle database interactions in Symfony?
6. What are some common security features provided by Symfony?
7. Can you explain the purpose of Twig in Symfony?
8. How do you handle form validation in Symfony?
9. What is the role of the Event Dispatcher in Symfony?
10. How does Symfony support RESTful APIs?
11. Can you explain how Symfony implements dependency injection?
12. What is the difference between an entity and a value object in Symfony?
13. How do you create custom commands in Symfony's console?
14. Can you describe the purpose of migration in Symfony?
15. How do you implement logging in a Symfony application?
16. What are Symfony environment variables, and how do you use them?
17. How do Symfony and Doctrine work together?
18. Can you explain how to create and use a custom form type in Symfony?
19. What is the purpose of the Kernel in a Symfony application?
20. How do you handle translations in Symfony?
21. How do you handle session management in Symfony?
22. What is a Symfony profiler, and how do you use it?
23. Can you explain the concept of environments in Symfony?
24. How do you handle file uploads in Symfony?
25. What is Symfony Flex, and how does it improve the workflow?
26. How do you manage asset files in Symfony?
27. How do you handle authentication and authorization in Symfony?
28. What are Symfony's HTTP caching strategies?
29. How do you debug a Symfony application?
30. How do you handle data validation in Symfony?
31. Can you explain how Symfony's HTTP kernel works?
32. What are some techniques for improving performance in a Symfony application?
33. How do you implement custom security voters in Symfony?
34. Can you describe how Symfony handles API versioning?
35. What strategies do you use for testing Symfony applications?
36. How do you configure Symfony for multiple environments?
37. Can you explain the role of custom middleware in Symfony?
38. What are the best practices for managing dependencies in Symfony?
39. How do you optimize database queries in Symfony using Doctrine?
40. Can you discuss the implementation of CQRS in a Symfony project?
41. Can you describe the MVC architecture and how Symfony implements it?
42. How does Symfony handle dependency injection, and why is it important?
43. What is the role of the Symfony kernel, and how does it impact the application's lifecycle?
44. How does Symfony handle HTTP requests and responses?
45. Can you explain the purpose of Symfony bundles?
46. How does Symfony facilitate configuration management?
47. What is the role of the Event Dispatcher in Symfony?
48. How does Symfony handle error and exception management?
49. How would you secure sensitive configuration parameters in a Symfony application?
50. Can you explain Symfony's CSRF protection and when you would use it?
51. How do you handle user input sanitization in a Symfony application?
52. What strategies would you employ to prevent XSS attacks in a Symfony application?
53. How would you implement role-based access control in a Symfony application?
54. What measures would you take to secure file uploads in a Symfony application?
55. How would you implement and manage secure session handling in Symfony?
56. How would you optimize a Symfony application that's experiencing slow load times?
57. Describe a situation where you had to integrate a third-party API into a Symfony application. What challenges did you face and how did you overcome them?
58. How would you approach refactoring a large Symfony application with outdated practices and poor performance?
59. Tell me about a time when you had to implement a complex business logic in a Symfony application. How did you structure your code to ensure maintainability?
60. How would you handle authentication and authorization in a Symfony application with multiple user roles and complex permission requirements?
61. Describe a situation where you had to scale a Symfony application to handle increased traffic. What strategies did you employ?
62. How would you approach implementing a RESTful API using Symfony? What best practices would you follow?
63. Tell me about a time when you had to debug a complex issue in a Symfony application. What tools and techniques did you use?