

60 Magento 2 interview questions to ask your applicants

Questions

1. Can you describe your experience working with Magento 2?
2. How do you approach custom module development in Magento 2?
3. What are the steps to upgrade Magento 2 to a newer version?
4. Can you explain the Magento 2 directory structure?
5. How do you handle performance optimization in Magento 2?
6. What is the difference between a Magento 2 plugin and a preference, and when would you use each?
7. How do you manage and create custom themes in Magento 2?
8. What are some common security measures you implement in a Magento 2 store?
9. Can you explain how you would troubleshoot common issues in Magento 2?
10. How do you integrate third-party services with Magento 2?
11. Can you explain the difference between blocks and widgets in Magento 2?
12. How would you go about customizing the checkout process in Magento 2?
13. What is the purpose of the di.xml file in Magento 2, and how would you use it?
14. How do you create a custom product attribute in Magento 2?
15. Can you explain what an observer is in Magento 2 and provide an example of when you might use one?
16. How would you implement a custom caching mechanism for a specific Magento 2 module?
17. Explain the concept of Area in Magento 2 and how it affects module development.
18. How do you optimize database queries in Magento 2 for better performance?
19. Describe the process of creating a custom API endpoint in Magento 2.
20. How would you implement a custom shipping method in Magento 2?
21. Explain the role of Dependency Injection in Magento 2 and provide an example of its implementation.
22. How do you handle multi-store and multi-website setups in Magento 2?
23. Describe the process of creating a custom admin grid in Magento 2.
24. How would you implement a custom payment gateway integration in Magento 2?
25. Explain the concept of Service Contracts in Magento 2 and their benefits.
26. How do you implement custom indexers in Magento 2?
27. Describe the process of creating a custom REST API in Magento 2.
28. How would you optimize Magento 2 for high-traffic scenarios?
29. Explain the role of events and observers in Magento 2 and provide an advanced use case.
30. How do you implement custom EAV attributes for complex product types in Magento 2?
31. How do you identify performance bottlenecks in a Magento 2 store?
32. What are some common strategies for optimizing the performance of a Magento 2 store?
33. How do you approach optimizing the loading speed of a Magento 2 store?
34. Can you explain the importance of indexing in Magento 2 and how it affects performance?
35. What steps would you take to improve the performance of the checkout process in Magento 2?
36. How do you optimize database performance in a Magento 2 store?
37. What role does a Content Delivery Network (CDN) play in Magento 2 performance optimization?
38. How do you monitor and maintain the performance of a Magento 2 store over time?
39. Can you describe the steps for creating a custom Magento 2 extension from scratch?
40. How do you define and use custom configuration settings in a Magento 2 extension?
41. Explain how to add a custom database table via an extension in Magento 2.
42. What is your approach to versioning and maintaining a Magento 2 extension?
43. Can you walk through the process of creating a custom UI component in a Magento 2 extension?
44. How do you handle dependency management in a Magento 2 extension?
45. Describe how you would add custom attributes to an existing Magento 2 entity using an extension.
46. What techniques do you use to ensure your Magento 2 extensions are compatible with future updates?
47. Explain how you would create a custom frontend layout for a new module in Magento 2.
48. How do you test and debug Magento 2 extensions to ensure they work correctly?
49. What are some best practices for Magento 2 extension development to ensure high performance and security?
50. How do you manage extension conflicts when multiple extensions modify the same behavior in Magento 2?
51. Imagine a client reports a bug in their checkout process. Describe how you would go about diagnosing and resolving the issue.
52. A customer wants to implement a complex discount rule that isn't supported out-of-the-box. How would you approach building a solution for this requirement?
53. You notice that the site is slow during peak hours. What steps would you take to identify and address the performance issues?
54. If you were tasked with integrating a new payment gateway that requires custom API calls, how would you handle the implementation?
55. Suppose a client runs multiple stores under one Magento installation. How would you manage different product catalogs across these stores?
56. A team member proposes a code change that could affect existing functionality. How would you review and respond to ensure the change won't create issues?
57. You need to create a custom report for a client's sales data that isn't available through standard Magento reporting. How would you approach this task?
58. If Magento 2's upgrade introduces deprecated features affecting your current setup, how would you plan for and execute the necessary changes?
59. A client is concerned about their store's security after a recent breach. What recommendations would you make to enhance their Magento 2 security?