

110 Drupal interview questions to hire top engineers

Questions

1. What is Drupal, in simple terms?
2. Can you explain what a content management system (CMS) does, and why Drupal is one?
3. What is a Drupal module?
4. What is a Drupal theme?
5. What is the difference between a module and a theme in Drupal?
6. What are some popular Drupal modules you might have heard of?
7. What is a content type in Drupal?
8. Can you give an example of a content type and what fields it might have?
9. What is a Drupal block?
10. Where might you place a block on a Drupal website?
11. What does it mean to clear the Drupal cache?
12. Why is clearing cache important during development?
13. Have you used Drupal.org? What for?
14. What is a view in Drupal?
15. What's the purpose of using Views in Drupal?
16. Explain what a Drupal node is.
17. What is a field in Drupal, and what are some common field types?
18. What are regions in Drupal themes?
19. What is the purpose of the Drupal administrative interface?
20. How would you add a new page to a Drupal website?
21. What are some basic security practices you should keep in mind when working with Drupal?
22. What is a Twig template in Drupal theming?
23. What's the difference between front-end and back-end development in Drupal?
24. If you had a problem with your Drupal site, how would you start troubleshooting it?
25. Can you describe a scenario where you might use a hook in Drupal?
26. What is Drupal, in simple terms?
27. Can you explain what a content management system (CMS) does?
28. What are some reasons someone might choose Drupal over other CMS options?
29. What is a Drupal module? Can you give an example of one?
30. What is a Drupal theme? What does it control?
31. What is the difference between a module and a theme in Drupal?
32. Have you ever installed a Drupal module? What steps did you take?
33. What is a content type in Drupal? Why are they useful?
34. What's a field in Drupal, and what does it do for content types?
35. What's a block in Drupal? Where might you put one?
36. How can you add a new page to a Drupal website?
37. What is the purpose of Drupal's menu system?
38. Can you explain what a Drupal view is used for?
39. What is a Drupal taxonomy? How might you use it?
40. Have you ever edited a Drupal configuration file (like settings.php)? Why?
41. What tools are commonly used for Drupal development?
42. What is Drush, and what are some common Drush commands?
43. What is Composer, and how is it used in Drupal projects?
44. What is version control, and have you used Git with Drupal?
45. How do you clear the cache in Drupal? Why would you need to do that?
46. What is the difference between a role and a permission in Drupal?
47. How would you give a user the ability to create content in Drupal?
48. What are some ways to make a Drupal website more secure?
49. What does it mean for a Drupal website to be responsive?
50. How can you make a Drupal website accessible?
51. What are some ways to improve the performance of a Drupal website?
52. What is a hook in Drupal? Can you describe a common hook?
53. Have you ever debugged a Drupal website? What tools did you use?
54. What are some challenges you might face when working on a Drupal project?
55. Where do you go to find answers when you have a Drupal question?
56. Can you explain Drupal's render pipeline, and how you might modify it to alter the output of a specific field?
57. Describe the different ways you can implement caching in Drupal, and when you would choose each method?
58. What are some strategies for optimizing Drupal's performance, especially when dealing with high traffic or complex queries?
59. Explain how you would use Drupal's queue system to handle long-running tasks without impacting website performance.
60. Describe the process of creating a custom content entity in Drupal, including defining its fields and properties.
61. How would you implement a custom access control system for specific content types or user roles in Drupal?
62. Explain the different types of Drupal hooks and provide an example of how you would use one to modify form behavior.
63. Describe the process of creating a custom Drupal module that integrates with an external API.
64. How can you use Drupal's configuration management system to deploy changes across different environments (e.g., development, staging, production)?
65. Explain how you would use Drupal's event system to react to specific actions or events within the system.
66. Describe the process of theming a Drupal website, including creating custom templates and using preprocess functions.
67. How would you implement a multi-language website in Drupal, including content translation and language negotiation?
68. Explain the different ways you can extend Drupal's core functionality using contributed modules, and the pros and cons of each approach.
69. Describe the process of debugging Drupal code, including using debugging tools and analyzing error logs.
70. How would you implement a custom search functionality in Drupal, integrating with a search engine like Solr or Elasticsearch?
71. Explain how you can use Drupal's Migrate API to import data from an external source into a Drupal website.
72. Describe the process of creating a custom block type in Drupal, including defining its settings and rendering its content.
73. How would you implement a responsive design for a Drupal website, ensuring it looks good on different devices and screen sizes?
74. Explain the different ways you can contribute to the Drupal community, such as submitting patches, writing documentation, or providing support in the forums.
75. Describe a situation where you had to troubleshoot a complex Drupal problem, and explain the steps you took to resolve it.
76. How do you approach security in Drupal development, and what are some common security vulnerabilities to watch out for?
77. Explain your understanding of Drupal's coding standards and best practices, and why they are important.
78. Describe your experience with Drupal's command-line interface (Drush or Drupal Console) and how it can be used to manage a Drupal website.
79. How would you implement a user registration and login system in Drupal, including custom fields and validation rules?
80. Explain how you can use Drupal's Views module to create custom listings of content, and how to optimize their performance.
81. Describe the process of creating a custom form in Drupal, including defining its fields, validation rules, and submission handler.
82. How do you stay up-to-date with the latest Drupal news, updates, and best practices?
83. Explain the differences between Drupal hooks and events, and when you would choose one over the other.
84. Describe your experience with Drupal's caching system. What strategies have you used to optimize caching for high-traffic websites?
85. How do you approach performance optimization in Drupal, and what tools or techniques do you use?
86. Discuss your experience with Drupal's Queue API. What are some use cases for queues, and how would you implement one?
87. Explain the concept of Drupal's Render API, and how it contributes to building flexible and maintainable themes.
88. What are some common security vulnerabilities in Drupal websites, and how can you prevent them?
89. Describe your experience with Drupal's Migrate API. What are some challenges you've faced during migrations, and how did you overcome them?
90. Explain the differences between Drupal's Entity API and Field API.
91. How would you approach building a multilingual website in Drupal, and what modules would you use?
92. Discuss your experience with Drupal's Layout Builder. What are the pros and cons of using Layout Builder compared to other layout solutions?
93. Describe your experience with headless Drupal. What are the benefits and challenges of using Drupal as a content repository for other front-end frameworks?
94. Explain the concept of Drupal's Dependency Injection container, and how it promotes loose coupling and testability.
95. How do you handle complex data modeling scenarios in Drupal, and what modules or techniques do you use?
96. Discuss your experience with Drupal's configuration management system. What are some best practices for managing configuration in a team environment?
97. Explain the differences between Drupal's content moderation workflows and publishing options.
98. How would you approach troubleshooting a complex issue in Drupal, and what debugging tools or techniques do you use?
99. Describe your experience with contributing to the Drupal community. What are some ways you've contributed, and what have you learned from the experience?
100. Explain the concept of Drupal's event subscriber and how it's related to the event dispatcher.
101. How do you integrate Drupal with external systems or APIs, and what modules or techniques do you use?
102. Discuss your experience with Drupal's theme development process. What are some best practices for creating maintainable and accessible themes?
103. Explain the purpose and benefits of using Drupal's coding standards.
104. How would you approach building a custom module in Drupal that interacts with a third-party API?
105. Describe your experience with using Drupal's Drush command-line tool. What are some common Drush commands you use?
106. Explain how you would implement a custom search functionality in Drupal.
107. How do you stay up-to-date with the latest Drupal developments and best practices?
108. Discuss your experience with using Drupal's automated testing framework. What are some benefits of writing automated tests?
109. Explain how you would optimize Drupal's database queries for improved performance.
110. Describe your experience with using Drupal's Views module to create complex data displays.