

Technical Interview questions asked:

Company - **Axelerant**

shprob

cicd

plugin architecture

paragraph module

config split module

varnish, memcached, radish

Company - **DigitalAPICrafts(selected)**

1. Difference between drupal 7 and drupal 8
<https://cdn.educba.com/academy/wp-content/uploads/2018/08/Drupal7-vs-Drupal8.jpg>
2. What is entity in drupal and what entity provide by drupal core
<https://www.drupal.org/docs/drupal-apis/entity-api/introduction-to-entity-api-in-drupal-8>
3. Difference between hook_preprocess and hook_preprocess_hook
https://drupal.stackexchange.com/questions/74708/what-is-the-difference-between-hook-preprocess-page-and-hook-preprocess-html#:~:text=hook_preprocess_HOOK%20is%20the%20generic%20hook,a%20class%20of%20alteration%20hooks.&text=Thanks%20for%20the%20completeness%20of%20the%20answer.
4. What is dependency injection?
<https://www.lucius.digital/en/blog/dependency-injection-drupal-8-introduction>
5. How to disable cache for a particular page
6. What is difference between tag based cache and context cache
7. What is events in drupal 8

Company - **Capgemini(Selected)**

1. How to define and call custom functions in a twig file.
2. How to pass term name instead id in view url
3. Panel in drupal 8
4. When creating custom services what are the basic functions to define.

Company - **investisdigital**

1. 4 primary types of entities in drupal. -Nodes (content), Comments, Files, Taxonomy terms, Taxonomy vocabularies, Users.
2. twig extension.
3. the way twig loads the page.
4. difference between contextual filter and exposed filter.

5. if we defined multiple languages in site the its creates multiple nodes and multiple node id.
6. what is tagged based cache
<https://www.srijan.net/resources/blog/the-fundamentals-of-caching-in-drupal-8>
7. what is different type of cache
8. what is Manage Form Display
9. What are the required files for a custom module? —.info.yml
10. multilingual and multi sites
11. How cache works
12. What are the different types of cache in drupal?
13. What is the context in drupal?
14. How to send variables from php to a javascript file?

Second round - question.

1. In which file we can add a class for dynamic. – html.html.twig
Ans-
<https://www.drupal.org/forum/support/theme-development/2015-12-14/how-to-add-a-node-id-as-class-to-the-tag-in-d8>
2. What is an event subscriber?
3. What is cache?
4. What is the default cache?
5. What is the difference between content type and taxonomy?
6. What is a preprocess?
7. Why do we give form id unique in form.
8. What is the view and when to create it?
9. In which file is the region defined?

Company - **Qed42**

1. What is Dependency Injection?
2. Form without submit button how can submit.
3. Hooks and events in drupal.
4. How to get all form fields by passing form id.
5. Four pillars of OOPS.
6. Difference between echo and print.
7. Difference between class and id in html.
8. Types of CSS.
9. How to show comment of view to anonymous and authenticated user comment to authenticated.
10. Difference between abstraction and encapsulation.
11. Difference php 5.6 and php 7.3.
12. Current version of html.

Company - **Specbee(Selected)**

1. Dependency Injection
2. What are the symphony things we used in drupal.
3. How can we attach JS in drupal.
4. What contains services.yml file, how include logger.
5. What is in the info.yml file.
6. How to create config forms in drupal.
7. What is annotation in drupal.
8. Difference between drupal 7 and 8.
9. How can I separate configuration from local and dev.
10. Have you used lando and docker?
11. What was the hardest task you worked on till now?
12. Caching in drupal 8.
13. How to pass variables from drupal/php to JS.
14. How to add JS file in header in drupal 8 –theme.info.yml.
15. What is a PSR-4 autoloader?

Company -zyxware

one time login command

patch apply command in drupal 8

```
if ($month == FEB) {  
  if ($year % 4 == 0)  
    if ($day > 29)  
      $legal = FALSE;  
  else  
    if ($day > 28)  
      $legal = FALSE;  
}
```

```
if(($month == FEB && ($year % 4) == 0 && $day > 29) || ($month == FEB && $day > 28))  
{  
  $legal = FALSE;  
}
```

https://www.youtube.com/playlist?list=PLI_x5XaZMJqgzuxme_G1obtPZVg3jW1HQ

Common interview questions-

1. What is the use of Drupal.behaviors.

Drupal at its core is a content management system (CMS), meaning that it gives you the tools to structure and manage your content. It also allows you to build flexible content publishing workflows and all kinds of dynamic features around that content.

<https://www.youtube.com/watch?v=UAWkVsILz1I>

2. Difference between Abstract class and Interface.

Interface Class	Abstract Class
Interface class supports multiple inheritance feature	Abstract class does not support multiple inheritances.
This does not contain a data member.	Abstract class does contain a data member.
The interface does not allow containers.	The abstract class supports containers.
An interface class only contains incomplete members which refer to the signature of the member.	Abstract class contains both incomplete(i.e. abstract) and complete members.
Since everything is assumed to be public, an interface class does not have access modifiers by default.	An abstract class can contain access modifiers within subs, functions, and properties.
Any member of an interface cannot be static.	Only a complete member of the abstract class can be static.

3. What is the services in Drupal and their uses. Example of some inbuild Drupal Services.

In Drupal 8 speak, a service is any object managed by the services container. Drupal 8 introduces the concept of services to decouple reusable functionality and makes these services pluggable and replaceable by registering them with a service container.

4. What is Drupal configuration. How to import/export.

In Drupal, configuration is the collection of admin settings that determine how the site functions, as opposed to the content of the site. Configuration will typically include things such as the site name, the content types and fields, taxonomy vocabularies, views and so on.

Import - drush cim

Export - drush cex

5. What is the Task and Action Menus into Drupal.

<https://www.drupal.org/docs/drupal-apis/menu-api/providing-module-defined-local-actions>

6. How to create Sub theme in Drupal.

<https://www.drupal.org/docs/theming-drupal/creating-sub-themes>

7. How to create custom module and in which Directory we need to put them?

For creating custom module we need to create module name folder in custom folder and in modnulename folder need to create modulename.info.yml file

8. How to add relationship into Views.

With the connection of User ID, you can get the author's username from the User table. Navigate to the edit screen of a view (for example, admin/structure/views/MY_VIEW_NAME) In this case we're editing a Content listing. In the right column, click Advanced. In the Relationships area, click Add.

9. What is Drush into Drupal and 3-4 Drush commands.

Drush is a Drupal-specific shell -- a command line utility that allows you to execute, script, and automate routine maintenance, site building, and development tasks.

10. How to create custom Region?

<https://drupal.stackexchange.com/questions/246735/how-do-i-add-a-custom-region>

11. What is block and how to place block into particular region.

<https://www.specbee.com/blogs/programmatically-creating-block-in-drupal-9>

12. Difference between exposed filters and contextual filters in Views?

Contextual filters in Drupal allow you to add or remove information (content) to the currently displayed view. The filter acts dynamically based on the URL. If the provided argument value is in the URL, the view will contain certain results, if the value is not in the URL, the view will be filtered with other results.

Exposing filter criteria allows the users of your site to choose how to filter a content list created in Views. When rendered on the page, the exposed filters will be displayed to the user as interactive form components.

13. How to show error on screen without admin panel? How to put site on Maintenance mode?

<https://www.drupal.org/docs/7/creating-custom-modules/show-all-errors-while-developing>

14. What is Hooks and their purposes. Any 3-4 Hook name?

<https://drupalize.me/tutorial/what-are-hooks?p=2766>

15. How many types of Cache in Drupal?

<https://zu.com/articles/caching-drupal-8>

16. What is Namespace and how to use into Drupal.

A namespace is a way of organising your classes into virtual folders and ensures that your class does not conflict with another class with the same name.

17. What is Composer. How to convert existing Site via Composer?

18. How to enable Debug mode into Drupal. How to create Form in Drupal?

<https://drupal.stackexchange.com/questions/127182/how-do-i-enable-developer-debug-mode>

19. How to exports file in Drupal?

20. Difference between Conflict Api and Sate Api. How caching works? What is invalid test caching?

[https://x-team.com/blog/bytesized-drupal-configuration-or-state/#:~:text=Simple%20configuration%20\(Config%20API\)%20%E2%80%94,not%20be%20synchronized%20between%20environments.](https://x-team.com/blog/bytesized-drupal-configuration-or-state/#:~:text=Simple%20configuration%20(Config%20API)%20%E2%80%94,not%20be%20synchronized%20between%20environments.)

21. How we can apply patch in Drupal?

22. How hooks perform in Drupal?

23. What is composite commands?

24. What is custom controls? How to add Configuration in Drupal?

25. Difference between Json file and Lock file in Drupal?

json file is a rough guide to the dependency versions that Composer should install, the composer. lock file is an exact record of the dependency versions that have been installed.

Custom theme development:

<https://www.specbee.com/blogs/how-to-create-custom-drupal-9-theme>