Frontend questions

General questions

What is Front End Development?

* Everything you see on a website, like buttons, links, animations, and more, were created by a front end web developer.
* It is the front end developer's job to take the vision and design concept from the client and implement it through code.
* Everything on the page from the logo to the footer icons and entire overall layout and how the user interacts with the page was created by a front end developer.
* Front end developers are in charge of the look and feel of the website.
* Front end developers also have to make sure the website looks good on all devices. i.e responsive webpage

What Skills Do You Need to Become a Front End Developer?

* The three main languages you need to know well are HTML, CSS, and JavaScript.
* For complex websites and for smoother coding we need CSS frameworks like tailwind CSS, material UI, bootstrap etc and javascript frameworks like react, angular

What is a CDN?

* A content delivery network (CDN) is a geographically distributed group of servers that caches content close to end users.
* A CDN allows for the quick transfer of assets needed for loading Internet content, including HTML pages, JavaScript files, stylesheets, images, and videos.

How would you optimize a website's performance?

* First, you should make sure that your code is minified and compressed. This reduces the size of your files, which makes them faster to download.
* Second, you should use caching wherever possible. This stores frequently used files locally, so they don't need to be downloaded every time a user visits your site. But don’t overdo it, or your site won’t be as dynamic as you want — it won’t update as reliably.
* Finally, you should use a content delivery network (CDN). This distributes your files across multiple servers, so users can download them from their respective locations.

How would you go about debugging a website?

Some of the most common methods include using the browser’s developer tools, using an automated quality assurance suite, debugging the code line-by-line