

## 1. What's the most exciting tool/stack you've explored recently?

Recently, while working on my project using **HTML, CSS, JavaScript, PHP, and MySQL**, I've really enjoyed learning how to integrate **AJAX** with PHP to create a more dynamic user experience. Instead of having to reload the page every time a user submits a form or makes a request, using AJAX allows me to send and receive data asynchronously. This has made the app feel much faster and more modern. I've also explored using **Bootstrap** to quickly build responsive layouts, which helps ensure the project works well across different devices.

## 2. Describe how you approach debugging when stuck.

When I get stuck while developing with HTML, CSS, JavaScript, or PHP, I follow this approach:

- First, I try to **reproduce the issue clearly** and identify under what conditions it happens.
- For **JavaScript issues**, I use the browser's **Developer Tools (Console, Network tab)** to check for errors and see what's happening in the background.
- For **CSS problems**, I use **Inspect Element** to see which styles are being applied or overridden.
- For **PHP errors**, I enable **error reporting** and use `var_dump()` or `print_r()` to check variable values and debug the logic.
- For **database issues**, I check my SQL queries carefully and test them directly in a tool like **phpMyAdmin** to ensure they return the expected results.
- If I'm really stuck, I look up **official documentation**, search on **Stack Overflow**, or take a short break and revisit the problem with a fresh perspective.

## 3. Share a link to one past project

1. Online Course Reservation System(<https://github.com/vishalkaviya/Mini-Projects>)

2. Language Translation Via Speech(<https://github.com/vishalkaviya/NaanMudhalvan-CSE-3rdyear>)