

Rendering in Next JS





What is Rendering?

The process of generating the final HTML code that is sent to the browser, showing the content of a web page.





What is Rendering Environment?

Environments where rendering can
occur, such as:

Client Side Environment and Server
Side Environment





What is Component Level Client & Server Side Rendering?

Rendering components on the client side (browser) or server side, depending on where the rendering logic resides.



What is Pre-Rendering?

- Pre-rendering generates HTML files in advance during the build process.
- Static Generation & Server Side Rendering



What is Static Generation?

- Static generation generates HTML files for each page during the build process.
- Suitable for websites with stable content that doesn't change often.
- Ensures fast and efficient delivery of content to users as pages are pre-prepared.



What is Server Side Rendering?

- SSR generates HTML dynamically on the server for each request.
- Server processes the request, fetches necessary data, and generates HTML on-the-fly.
- Useful for personalized or frequently changing content.





Thank You