Next Js is a framework for react Library. It has some features to offer.

* **Server-Side rendering**: It allows server-side rendering. In react, the render happens in the client pc. Sometimes its not desirable as situations can arise when the initial loading can take a while. Here we want the page to be rendered in the server then server to client.
* **SEO**: Search engine crawlers will only see the initial empty html page with root div. So, this makes client side rendering not so good for SEO in some cases. Server-side rendering solves this issue.
* **File bases routing**: Routing is giving users the illusion of having multiple pages in a single page application. We use react router for this, it looks at the URL and if it changes it just render the new component instead of a page refresh. Next.JS makes it a bit easier by having file-based routing which in turn makes us write less code for routing.
* **Full Stack**: Next.JS allows us to have a backend for react app. So, its basically full stack in one project (looks similar to Laravel). The backend runs on node.js. One downside is that it doesn’t support WebSocket (currently, stack overflow has some alternate solutions for this problem).

**Creating a Next.Js** **App**:

* we can use **npx create-next-app@latest**
* it will then ask for name, which we can specify

Next.Js doesn’t have an index.html page in the public folder. This is because it allows us to determine when a page should be pre-rendered