

Frontend

→ HTML, CSS, JS (DOM Design), ReactJS, Redux, NextJS

HTML → Tag, Attributes, Element content, basic (<p> headings), list, link, table, form, media, Semantic vs non-semantic elements

CSS → Overview of CSS, Display, Box Model, layout (position, flex, grid), Responsive (Media Queries), font families, Bootstrap 5 priority

JS → Datatype (number, string, boolean, null, undefined, symbol, bigint), ES features (let, const, arrow fn, class, async, await, spread operator, destructuring of obj & array, shallow & deep copy, Event propagation, DOM manipulation, call, apply, bind, Debouncing, Optimizing JS, calls stack, Event loop, Micro queue)

ReactJS → What is ReactJS? Why? SSR, component, state, props, Babel, React DOM, Virtual DOM, React Rendering, React Router DOM, SPA vs MPA, State Management (React context, Inverse data flow, CRUD, use context, Styling Material UI, Tailwind CSS) Hooks (useState, useEffect, useCallback, useMemo)

Redux → What is Redux? Action, Reducer, store, Thunk, useReducer

Redux Toolkit → How Redux is diff from Toolkit, Redux DevTools, Redux slices

NextJS → CSR vs SSR, Routing, Data fetching