

## **ONE MONTH TRAINING AT HB INFOTECH WEEK2**

### **Day 6 — JavaScript Loops DOM & Events**

- Practiced different types of loops: for, while, do...while, and for...of.
- Used loops to iterate through arrays and objects for tasks like printing values and filtering data.
- Created small programs such as multiplication tables, sum of numbers, and finding maximum values.
- Learned how to select elements using getElementById
- Practiced updating HTML content using innerText, innerHTML, and style manipulation.
- Worked with events such as click, mouseover to create interactive web pages.
- Built small interactive examples like a counter button, input validator, and color-changing box.

### **Day 7 — Bootstrap Basics & Responsive Poster Template**

- Learned how to include Bootstrap using CDN and understood the grid system with container, row, and col.
- Explored and practiced Bootstrap components such as navbar, cards, buttons, and alerts.
- Used utility classes for spacing, alignment, colors, text formatting, and responsive layouts.
- Built a fully responsive template/poster using Bootstrap layout and components.
- Applied Bootstrap breakpoints to ensure proper rendering on mobile, tablet, and desktop screens.
- Used Bootstrap typography, backgrounds, and images to design an eye-catching poster layout.

## **Day 8 — Bootstrap Components, Forms & Full Responsive Template**

- Explored Bootstrap's advanced components such as modals, carousels, and responsive navigation bars.
- Practiced Bootstrap form design using classes like form-control, form-group, and form-check.
- Learned to create complex layouts using nested rows and columns for better structure.
- Practiced using Bootstrap Cards to organize content into grid-based galleries.
- Built a complete multi-section responsive template (homepage style) using Bootstrap Grid and components.

## **Day 9 — React Introduction & Project Setup**

- Installed and set up the React environment using `create-react-app`
- Understood the folder structure (src, public, components), and how React renders to the DOM.
- Learned JSX syntax and how it differs from HTML
- Created first functional components and displayed them on the webpage.
- Explored how React automatically updates the UI when the state changes.

## **Day 10 — React Components & Props, React State Management (useState)**

- Practiced sending data from parent components to child components using `props`.
- Built small UI components like card components, navbar components, and button

components.

- Understood the importance of component reusability and how props help avoid code repetition.