## 📅 Week 1 – Frontend Foundations (HTML, CSS, JS + Tailwind)

| Day | Topic | Task |
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| 1 | HTML Basics | Learn tags, structure, add images & links |
| 2 | CSS Basics | Selectors, box model, flexbox, grid |
| 3 | Responsive Design | Media queries, mobile-first layouts |
| 4 | Tailwind CSS | Utility-first styling, responsive UI |
| 5 | JavaScript Basics | Variables, loops, functions, events |
| 6 | DOM Manipulation | Select, edit, handle events dynamically |
| 7 | Mini Project | Build "To-Do List" using HTML + Tailwind + JS |

## ⚛️ Week 2 – React.js Fundamentals

| Day | Topic | Task |
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| 8 | React Intro | Setup (Vite / CRA), understand JSX |
| 9 | Components & Props | Create functional components and pass data |
| 10 | State & Events | Manage UI state with useState, handle events |
| 11 | Conditional Rendering | Use map(), conditional UI |
| 12 | Hooks Intro | useEffect for side effects |

| Day | Topic | Task |
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| 13 | Mini Project | Counter / Todo app in React |
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| 14 | Routing in React | React Router basics |

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⚡ **Week 3 – Next.js + Backend (Node.js + API Integration)**

| Day | Topic | Task |
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| 15 | Next.js Intro | Pages, components, file-based routing |
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| 16 | Next.js Data Fetching | Server & client components, getServerSideProps |
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| 17 | API Routes in Next | Create backend routes inside Next |
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| 18 | Node.js Basics | Install Node, run JS files, use npm |
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| 19 | Express Intro | Create server, routes (GET/POST) |
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| 20 | REST API Project | Build simple CRUD API (Express or Next API Routes) |
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| 21 | Firebase Integration | Connect frontend to Firebase for data & auth |

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🔥 **Week 4 – Firebase + Auth + Deployment**

| Day | Topic | Task |
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| 22 | Firebase Basics | Setup Firebase project, Firestore, Hosting |

| Day | Topic | Task |
|---|---|---|
| 23 | Realtime DB vs Firestore | Learn structure & CRUD operations |
| 24 | Authentication | Email/Password + Google Auth |
| 25 | Secure APIs | Use Firebase Rules & Tokens |
| 26 | Storage | Upload & retrieve files (Firebase Storage) |
| 27 | Testing & Debug | Test Firebase features in local emulator |
| 28 | Deploy Next.js App | Deploy on Vercel / Firebase Hosting |
| 29 | Custom Domain | Connect your own domain |
| 30 | Final Project Showcase | React + Next + Firebase App 🎉 |

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💡 **Final Project Ideas**

- ☑ **Task Manager App with Auth + Firebase Firestore**

- 💬 **Chat App using Firebase Realtime DB + Auth**

- 🛒 **E-commerce Store (Firebase Storage for images)**

- ✍ **Blog App with CRUD & Auth**

- 🖼 **Portfolio Manager – Next.js + Firebase Hosting**