

TypeScript + React JS Frontend Web Development Training

Duration: 2 Months (~80 Hours) | Fee: ₹7,999 | Format: Online | Level: Beginner to Advanced

Module 1: Modern Web Foundations (Week 1-2)

HTML5 & CSS3: Semantic HTML, CSS Flexbox/Grid

Responsive Design: Media Queries, Mobile-First Approach

Bootstrap 5: UI Components, Utilities, Theming

Project: Build a responsive portfolio website

Module 2: JavaScript ES6+ (Week 3-4)

Core Concepts: Variables, Functions, Scope, Closures

ES6+ Features: Arrow Functions, Destructuring, Promises

DOM Manipulation: Events, Async/Await

Project: Interactive Todo App with Local Storage

Module 3: TypeScript (Week 5-6)

Basics: Static Typing, Interfaces, Types

Advanced: Generics, Decorators, Utility Types

Integration: TS with React/Node

Project: Convert JS App to TypeScript

Module 4: React JS Core (Week 7-8)

Components: Class vs Functional, Props/State

Lifecycle Methods: useEffect, useState

React Router: Navigation, Dynamic Routes

Project: Multi-page SPA with API Fetching

Module 5: Advanced React (Week 9-10)

Hooks: useReducer, useContext, Custom Hooks

State Management: Redux Toolkit, Middleware (Thunk)

Performance: Memoization, Code Splitting

Project: E-commerce Cart with Redux

Module 6: Capstone Project (Week 11-12)

Full-Stack App: React + TypeScript + Firebase

Features: Auth, CRUD, Real-time Updates

Deployment: Netlify/Vercel

Demo Day: Present projects to peers

Key Outcomes:

Build 5+ projects for your portfolio.

Master industry-standard tools (Redux, TS, Hooks)

Job-ready skills for frontend roles

Contact:

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