🎨 Tailwind CSS Course Details

🔷 Course Overview

This Tailwind CSS course teaches you how to build modern, fast, and fully responsive websites using utility-first CSS.
You will learn how Tailwind works, how to use utility classes, how to customize themes, and how to build production-ready UI components without writing traditional CSS.

🔷 What You Will Learn

1. Introduction to Tailwind CSS

- What is Tailwind?

- Benefits of utility-first CSS

- Tailwind vs. Bootstrap vs. CSS

- CDN setup vs. Node.js installation

- Understanding the Tailwind config file

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2. Utility Classes (Core Concepts)

- Margin & padding classes

- Colors & background utilities

- Borders & radius utilities

- Display, flex & grid utilities

- Typography utilities

- Width, height & spacing units

- Responsive utilities (sm, md, lg, xl, 2xl)

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3. Layout & Responsive Design

- Flexbox utilities

- Grid utilities

- Creating responsive grids

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- Positioning elements

- Creating navigation layouts

- Responsive visibility classes

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4. Styling Text & Components

- Text size, color & weight

- Custom fonts

- Links, lists & paragraphs

- Buttons with Tailwind

- Cards & content boxes

- Alerts & badges

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5. Tailwind Advanced Features

- Customizing tailwind.config.js

- Extending theme (colors, fonts, spacing, etc.)

- Adding custom utilities

- Dark mode configuration

- Applying shadows, transitions & animations

- Using variants (hover, focus, active, group-hover)

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6. Working With Plugins

- Installing official plugins

- Forms plugin

- Typography (prose) plugin

- Aspect ratio plugin

- Creating your own plugin

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7. Tailwind + JavaScript Frameworks

- Using Tailwind with React
- Tailwind with Next.js
- Tailwind with Vue
- Tailwind with Laravel
- Integrating in backend templates (Django, PHP, Node.js)

8. Component Building

You will learn to build modern UI components:

- Navigation bar
- Hero section
- Pricing cards
- Login & signup form
- Dashboard layout
- Footer design
- Modals & dropdowns

9. Performance Optimization

- PurgeCSS / Content scanning
- Removing unused CSS
- Optimizing for production build
- Improving performance scores

10. Real-World Projects

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- Portfolio website

- Business landing page

- E-commerce product UI

- Admin dashboard UI

- Blog website layout

- Fully responsive multi-page website

🔷 Tools You Will Use

- Tailwind CSS

- HTML

- JavaScript / React (optional)

- VS Code

- Node.js (for full setup)

🔷 Course Duration

- **1 to 2 weeks** (with hands-on projects)

🔷 Who Can Join

- Students

- Web developers

- UI/UX designers

- Frontend developers

- Anyone wanting to build modern UI quickly