

Web Development Practice Set

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[HTML/CSS - Web Dev Practice]

- 1. Create a responsive layout with a header, sidebar, main content, and footer.
- 2. Design a contact form with validation using HTML5 attributes.
- 3. Build a navigation bar using Flexbox or CSS Grid.
- 4. Create a landing page styled with Tailwind or Bootstrap.
- 5. Implement a responsive image gallery with hover effects.

[JavaScript - Web Dev Practice]

- 6. Write a JavaScript function to validate email and password inputs.
- 7. Build a simple to-do list with add, delete, and mark-complete features.
- 8. Create a countdown timer using JavaScript.
- 9. Make a calculator using JavaScript and DOM manipulation.
- 10. Use fetch() to get data from a public API and display it on the page.

[Backend (Node/Django) - Web Dev Practice]

- 11. Create a REST API with CRUD for users in Express.js.
- 12. Build a Django project with user registration and login.
- 13. Create a POST endpoint in Express to save contact form data.
- 14. Use Django ORM to get all blog posts published in the last 7 days.
- 15. Set up routing and templates in Django for a portfolio site.