

React Project List from Beginner to Advanced



Here's a categorized list of React projects, ranging from beginner to advanced levels. These projects will help you build your skills progressively and gain hands-on experience with React.

Beginner-Level React Projects

These projects are ideal for those new to React and focus on basic concepts like components, props, state, and event handling.

1. To-Do List App

- Features: Add, delete, and mark tasks as complete.
- Concepts: State management, event handling, and conditional rendering.

2. Simple Calculator

- Features: Perform basic arithmetic operations.
- Concepts: Component structure, props, and state.

3. Weather App

- Features: Fetch weather data using an API (e.g., OpenWeatherMap).
- Concepts: API integration, `useEffect`, and conditional rendering.

4. Counter App

- Features: Increment, decrement, and reset a counter.
- Concepts: State management and event handling.

5. Quiz App

- Features: Display questions and track user score.
- Concepts: Props, state, and conditional rendering.

6. Random Quote Generator

- Features: Display random quotes using an API or local data.
- Concepts: `useState`, `useEffect`, and API integration.

7. Expense Tracker

- Features: Add and display expenses with a total.
 - Concepts: State management, forms, and lists.
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Intermediate-Level React Projects

These projects introduce more complex concepts like routing, context API, and advanced state management.

1. E-Commerce Product Page

- Features: Display products, add to cart, and filter by category.
- Concepts: React Router, context API, and state management.

2. Blog App

- Features: Create, read, update, and delete blog posts.
- Concepts: CRUD operations, forms, and React Router.

3. Movie Search App

- Features: Search for movies using an API (e.g., OMDB API).
- Concepts: API integration, useEffect, and search functionality.

4. Authentication App

- Features: User login, registration, and protected routes.
- Concepts: React Router, context API, and form handling.

5. Portfolio Website

- Features: Showcase your skills, projects, and contact form.
- Concepts: React Router, responsive design, and reusable components.

6. Chat App (Frontend Only)

- Features: Real-time messaging interface.
- Concepts: State management, forms, and component structure.

7. Recipe App

- Features: Search and display recipes using an API (e.g., Spoonacular API).
 - Concepts: API integration, useEffect, and conditional rendering.
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Advanced-Level React Projects

These projects involve complex state management, performance optimization, and integration with backend technologies.

1. Social Media App

- Features: User profiles, posts, likes, and comments.
- Concepts: Redux, React Router, and API integration.

2. E-Commerce Platform

- Features: Product listings, cart, checkout, and user authentication.
- Concepts: Redux, React Router, and payment gateway integration.

3. Real-Time Chat App

- Features: Real-time messaging with WebSockets or Firebase.
- Concepts: WebSockets, Firebase, and state management.

4. Project Management Tool

- Features: Create tasks, assign users, and track progress.
- Concepts: Drag-and-drop functionality, Redux, and API integration.

5. Video Streaming App

- Features: Upload, stream, and comment on videos.
- Concepts: Video handling, API integration, and state management.

6. Online Code Editor

- Features: Write, run, and debug code in multiple languages.
- Concepts: CodeMirror or Monaco Editor, API integration, and state management.

7. Music Player App

- Features: Play, pause, skip tracks, and create playlists.
- Concepts: Audio handling, state management, and UI/UX design.

8. Job Board App

- Features: Post jobs, apply, and filter listings.
- Concepts: CRUD operations, React Router, and API integration.

9. Fitness Tracker App

- Features: Track workouts, set goals, and view progress.
- Concepts: Charts, state management, and API integration.

10. Travel Booking App

- Features: Search for flights/hotels, book, and manage reservations.
- Concepts: React Router, API integration, and state management.

Full-Stack React Projects

These projects involve building both the frontend (React) and backend (Node.js, Express, MongoDB, etc.).

1. Blog Platform with CMS

- Features: Create, edit, and publish blog posts with a user dashboard.
- Concepts: Full-stack development, authentication, and CRUD operations.

2. E-Commerce Store

- Features: Product management, user authentication, and payment integration.
- Concepts: Full-stack development, Redux, and API integration.

3. Task Management System

- Features: Create tasks, assign users, and track progress.
- Concepts: Full-stack development, authentication, and CRUD operations.

4. Online Learning Platform

- Features: Course creation, enrollment, and progress tracking.
- Concepts: Full-stack development, authentication, and API integration.

5. Food Delivery App

- Features: Browse restaurants, place orders, and track delivery.
- Concepts: Full-stack development, authentication, and payment integration.

Tips for Building React Projects

- Start with simple projects and gradually move to complex ones.
- Use tools like **Create React App** or **Vite** for project setup.
- Learn to use state management libraries like **Redux** or **Context API**.
- Practice integrating APIs using **Axios** or **Fetch**.
- Focus on responsive design and accessibility.
- Deploy your projects using platforms like **Vercel**, **Netlify**, or **GitHub Pages**.

By working through these projects, you'll gain a strong understanding of React and be well-prepared for real-world development!