

JavaScript and React Project Ideas

Beginner Projects

- To-Do List - Basic DOM manipulation, event handling, and arrays.
- Counter App - Simple counter with increment and decrement buttons.
- Digital Clock - Use setInterval and Date objects.
- Calculator - Basic arithmetic operations and event handling.
- Weather App - Fetch data from a weather API, practice async/await and JSON parsing.
- Random Quote Generator - Fetch and display random quotes, practice fetching APIs.
- Color Flipper - Click to change background colors randomly or sequentially.
- Trivia Quiz App - Fetch quiz questions from an API, work with forms and validation.
- Expense Tracker - Manage and display expenses, practice CRUD operations with arrays.
- Form Validation - Validate forms with error messages.

Intermediate Projects

- Recipe Finder - Fetch and display recipes based on user input.
- Notes App - Save notes locally, work with localStorage.
- Pomodoro Timer - Timer logic and user input for session durations.
- Image Carousel - Display a series of images that users can scroll through.
- Multi-Step Form - Create a form with multiple steps or stages.
- Weather Dashboard - Use geolocation and display multiple metrics (e.g., humidity, wind).
- Countdown Timer - Build a timer to count down to a specific date.
- Memory Game - Create a card matching game, practice logic and DOM manipulation.
- Sticky Notes App - Draggable sticky notes, practice drag and drop API.
- Task Manager with CRUD - Fully functional task manager with add, edit, delete, and save to localStorage.

Advanced Projects

- Portfolio Website - Personal website to showcase projects, practice React components.
- Blog Platform - CRUD blog with form handling, React Router, and useState/useEffect hooks.
- E-commerce Product List - Display products with search, sort, and filter.
- Chat App (Mock) - Create a basic chat UI with dummy data.
- GitHub Profile Finder - Fetch and display GitHub user profiles using the GitHub API.
- Movie Library - Fetch movie data and categorize it by genre or popularity.
- Budget Tracker - Track expenses, analyze spending, and visualize with charts.

- Weather Comparison App - Compare the weather of multiple cities.
- Markdown Editor - Real-time markdown editor with `useState` and `useEffect`.
- Image Search App - Search for images using an API, handle pagination and lazy loading.

Expert-Level Projects

- Real-Time Chat App - Implement a basic chat app using Firebase.
- Authentication System - Implement login, signup, and user authentication.
- Quiz Application with Timer - Implement timed quizzes and score calculation.
- Recipe Manager - Add, remove, edit, and manage recipes.
- Booking System - Create a booking system for flights, hotels, etc.
- E-commerce Website - Full-featured e-commerce website with cart and checkout.
- Social Media Dashboard - Create a dashboard with various metrics, mock social data.
- Kanban Board - Create a drag-and-drop task management system.
- Video Streaming App - Build a video streaming app with user interaction.
- Job Portal - Create a job listing portal with filters and search functionality.