Jaipur Engineers

Your One-Stop IT & Staffing Ecosystem

WEB DEVELOPMENT

Frontend Development with React.js

HTML • CSS • Bootstrap • Tailwind CSS • JavaScript • React • Redux Toolkit



COMPLETE FRONTEND COURSE

₹20,000

JAIPUR, RAJASTHAN

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Frontend Development with React.js

Syllabus at a glance

01

Web Design

02

Core JavaScript in the browser

03

Advanced JavaScript & ECMAScript

04

React.js application development

05

Redux & Redux Toolkit

06

Frontend delivery

PORTFOLIO PROJECT

Product Directory Frontend

Create a responsive product directory, load API data and use Redux Toolkit for shared state.

Frontend Development with React.js

Core concepts

01

Web Design

Build semantic HTML pages. Use CSS, Flexbox and Grid for responsive layouts. Practise Bootstrap, Tailwind CSS and Core JavaScript in browser exercises.

02

Core JavaScript in the browser

Read and update the DOM, respond to events, validate a form and check keyboard and mobile behaviour.

03

Advanced JavaScript & ECMAScript

Follow the ES6–ES10 track with modules, let and const, destructuring, spread, promises and async/await. Practise Fetch, errors and JSON.

TOOLS & TOPICS

HTML • CSS • Bootstrap • Tailwind CSS • JavaScript • React • Redux Toolkit

Frontend Development with React.js

Applied skills

04

React.js application development

Build JSX components, pass props, manage hooks and compose reusable layouts and routes.

05

Redux & Redux Toolkit

Build slices and selectors, connect shared state to UI components and handle asynchronous requests.

06

Frontend delivery

Check accessibility, responsive layouts and browser behaviour. Test and deploy a working frontend.

TOOLS & TOPICS

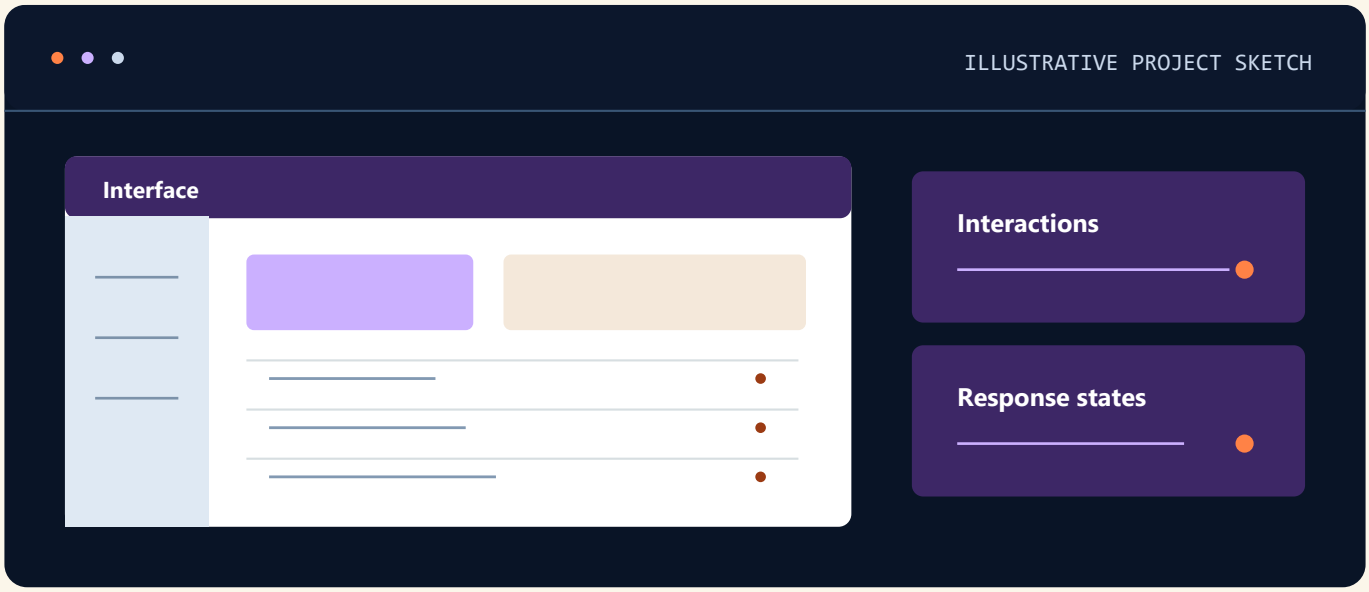
HTML • CSS • Bootstrap • Tailwind CSS • JavaScript • React • Redux Toolkit

Frontend Development with React.js

Portfolio project

Product Directory Frontend

Create a responsive product directory, load API data and use Redux Toolkit for shared state.



Sketch the states

Plan normal, loading, empty and error states for the demo.

Test the interface

Check the main workflow and record how it handles an invalid input.

A working demo, test cases and notes on how the interface or service is organised.

Frontend Development with React.js

Project checklist

Use these checks to prepare your project demo or portfolio handoff.

01

Make the directory responsive

Confirm the product grid, navigation and forms work with touch and keyboard inputs.

02

Connect the API

Load products and cover empty, loading and error states.

03

Explain shared state

Show how Redux Toolkit manages filters or saved products across screens.

Frontend Development with React.js

Course fees

COMPLETE FRONTEND COURSE

₹20,000

MODULE	INR
Web Design	₹7,500
Advanced JavaScript & ECMAScript (ES6–ES10)	₹4,000
React, Redux & Redux Toolkit	₹8,500

Contact admissions for current batches, class timings and enrolment details.

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SCAN FOR MAP

View course details online

Frontend Development with React.js

Course content

MODULES 01–02

01 Web Design

Lessons & practice

- Semantic HTML and forms
- CSS Grid and Flexbox
- Bootstrap components, Tailwind utilities and Core JavaScript

HANDS-ON Build a product card and form that work at mobile and desktop widths.

02 Core JavaScript in the browser

Lessons & practice

- DOM selection and events
- Client-side validation
- Keyboard and responsive checks

HANDS-ON Add catalogue filtering and form feedback without reloading the page.

Frontend Development with React.js

Course content

MODULES 03–04

03 Advanced JavaScript & ECMAScript

Lessons & practice

- ES6–ES10 syntax and modules
- Immutable data transforms
- Promises, Fetch and async/await

HANDS-ON

Load a product feed and show empty data, malformed data and request errors.

04 React.js application development

Lessons & practice

- JSX and props
- Hooks and controlled forms
- Page layout and React routing

HANDS-ON

Build list and detail routes that share a filter interface.

Frontend Development with React.js

Course content

MODULES 05–06

05 Redux & Redux Toolkit

Lessons & practice

- Redux principles and Redux Toolkit
- Slices and selectors
- Async actions and state debugging

HANDS-ON Keep filter settings in a store and explain what changes when you dispatch an action.

06 Frontend delivery

Lessons & practice

- Accessible interactions
- Component and browser tests
- Production builds and deployment

HANDS-ON Test keyboard and mobile flows and publish the directory demo.