Jaipur Engineers

Your One-Stop IT & Staffing Ecosystem

WEB DEVELOPMENT

Frontend Development with Angular

HTML • CSS • Bootstrap • Tailwind CSS • JavaScript • TypeScript • Angular



COMPLETE FRONTEND COURSE

₹20,000

JAIPUR, RAJASTHAN

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Frontend Development with Angular

Syllabus at a glance

01

Web Design

02

Core JavaScript in the browser

03

Advanced JavaScript & ECMAScript

04

TypeScript & Angular

05

Services, RxJS & forms

06

Frontend delivery

PORTFOLIO PROJECT

Product Directory Frontend

Build a responsive Angular product directory with API data, routing and validated forms.

Frontend Development with Angular

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 • TypeScript • Angular

Frontend Development with Angular

Applied skills

04

TypeScript & Angular

Use TypeScript types, standalone components, templates, data binding and navigation.

05

Services, RxJS & forms

Manage application data with services and observable streams. Use reactive forms and HttpClient.

06

Frontend delivery

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

TOOLS & TOPICS

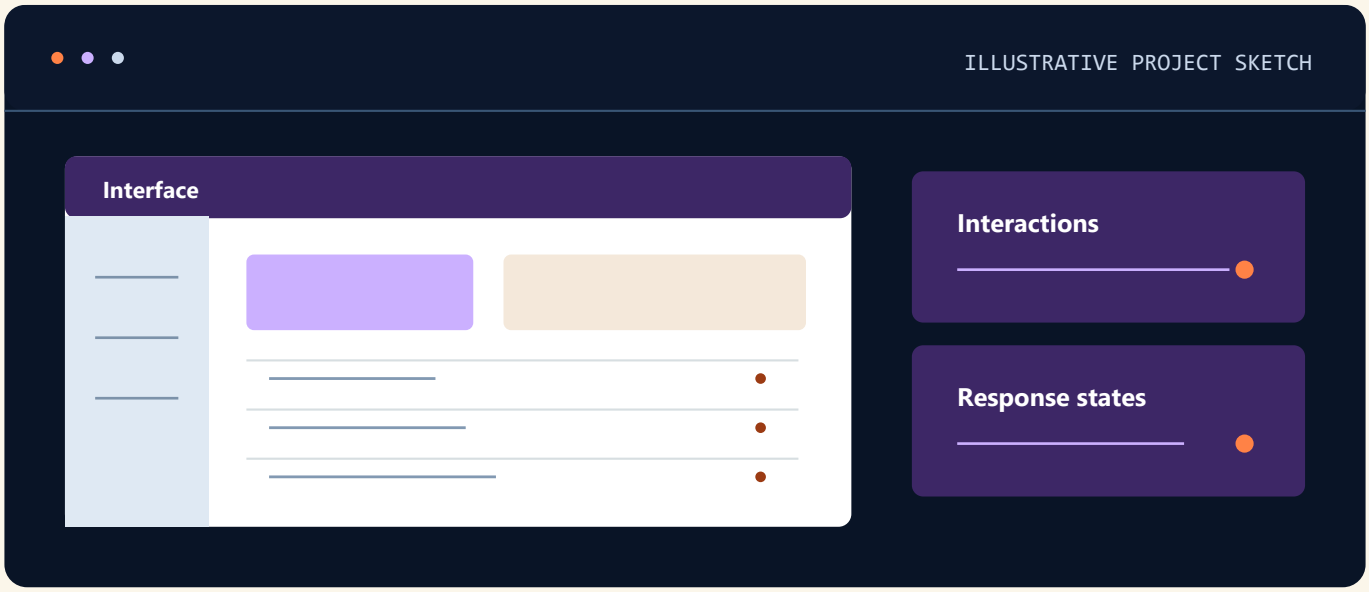
HTML • CSS • Bootstrap • Tailwind CSS • JavaScript • TypeScript • Angular

Frontend Development with Angular

Portfolio project

Product Directory Frontend

Build a responsive Angular product directory with API data, routing and validated forms.



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 Angular

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 through an Angular service and cover empty, loading and error states.

03

Test the form

Demonstrate reactive validation and a successful request to update a product.

Frontend Development with Angular

Course fees

COMPLETE FRONTEND COURSE

₹20,000

MODULE	INR
Web Design	₹7,500
Advanced JavaScript & ECMAScript (ES6–ES10)	₹4,000
Angular	₹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 Angular

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 Angular

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 TypeScript & Angular

Lessons & practice

- TypeScript interfaces
- Angular standalone components
- Templates, binding and routes

HANDS-ON Build a list and detail route with a shared responsive layout.

Frontend Development with Angular

Course content

MODULES 05–06

05 Services, RxJS & forms

Lessons & practice

- Dependency injection and services
- RxJS and HttpClient
- Reactive forms and validation

HANDS-ON Fetch product data through a service and validate an edit form.

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.