Jaipur Engineers

Your One-Stop IT & Staffing Ecosystem

WEB DEVELOPMENT

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SAMPLE PROJECT

Content Directory



COURSE FEE

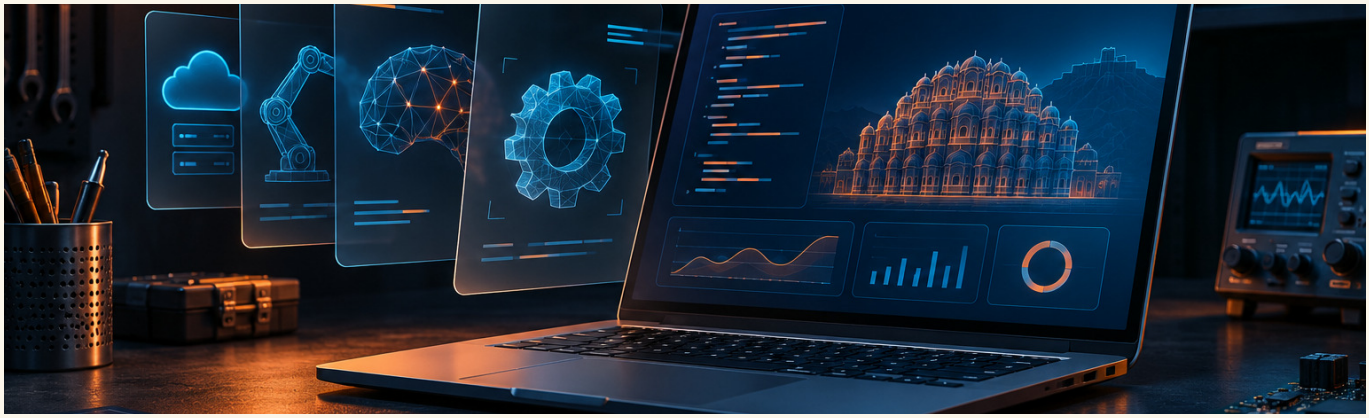
Fee on enquiry

JAIPUR, RAJASTHAN

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Core concepts



01 App Router, layouts and rendering models

02 Server and Client Components

03 Dynamic routes, metadata and navigation

Sketch the states

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

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Applied skills

- **Interface**
- **Interactions**
- **Response states**



04 Data fetching, loading states and caching

05 Forms, route handlers and input validation

06 Builds, accessibility checks and deployment

PROJECT DELIVERABLES

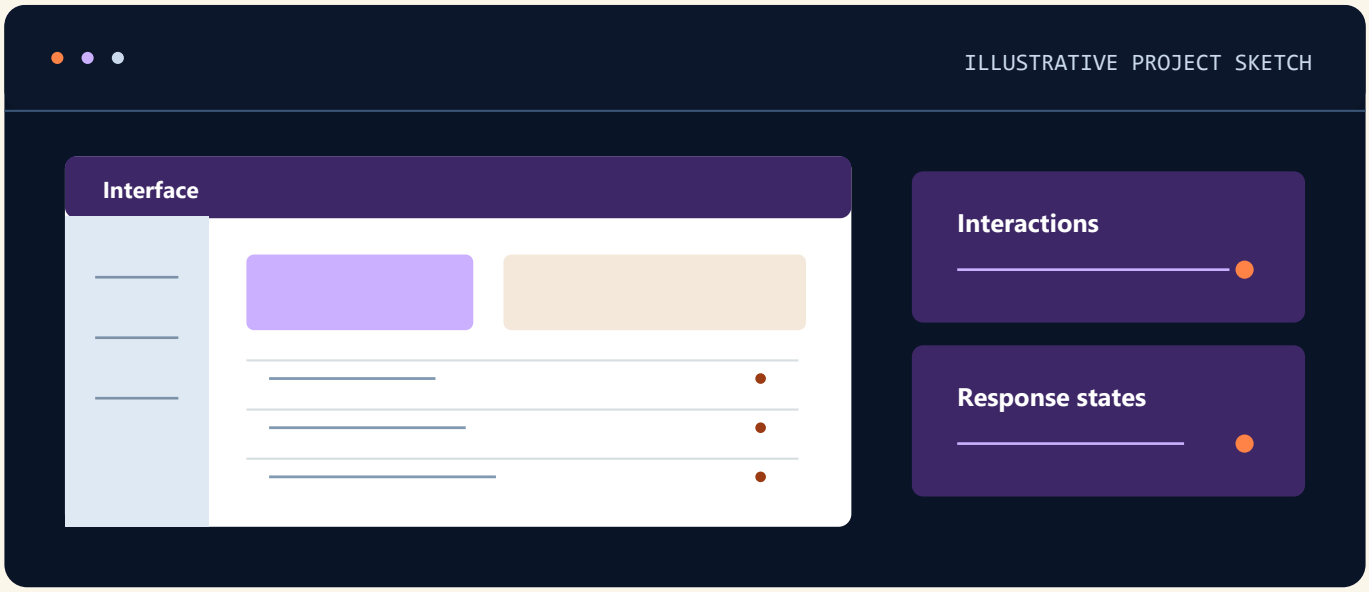
A working demo, test cases and notes on how the interface or service is organised.

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Portfolio project

Content Directory

Build a searchable directory with server-rendered pages, dynamic detail routes and a submission form.



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.

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Course fees

COURSE FEE

Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

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122/228, Indra Path, Thadi Market

Mansarovar, Jaipur, Rajasthan 302020

SCAN FOR MAP

Check course details

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Course content

MODULES 01–02

01

Lessons & practice

- App Router
- Layouts
- Rendering models

HANDS-ON

Create App Router layouts and compare static and dynamic pages for a content directory.

02

Lessons & practice

- Server
- Client Components

HANDS-ON

Separate server-side data loading from an interactive client filter.

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MODULES 03–04

03

Lessons & practice

- Dynamic routes
- Metadata
- Navigation

HANDS-ON — Add a dynamic detail route and generate page metadata from the record.

04

Lessons & practice

- Data fetching
- Loading states
- Caching

HANDS-ON — Handle loading and missing content and explain the chosen caching behaviour.

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MODULES 05–06

05

Lessons & practice

- Forms
- Route handlers
- Input validation

HANDS-ON Validate a sample form through a route handler and show an accessible error.

06

Lessons & practice

- Builds
- Accessibility checks
- Deployment

HANDS-ON Run a production build and test navigation and metadata on the deployed site.