# REDUX & NEXT.JS



100 INTERVIEW QUESTIONS & ANSWERS

## 1. Redux Q1: What are the core principles of Redux?

Single source of truth, state is read-only, and changes are made using pure functions.

## 2. Redux Q2: What is an action in Redux?

An action is a plain JavaScript object that describes what happened. It must have a type property.

## 3. Redux Q3: What is a reducer in Redux?

A reducer is a pure function that takes the current state and an action and returns the new state.

#### 4. Redux Q4: What is the Redux store?

The store is a single object that holds the entire application state in Redux.

#### 5. Redux Q5: What is Redux?

Redux is a predictable state container for JavaScript apps, commonly used with React for managing global state.

# 6. Redux Q6: What are the core principles of Redux?

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# 51. Next.js Q1: What are the key features of Next.js?

Features include SSR, SSG, API routes, image optimization, file-based routing, and middleware support.

## 52. Next.js Q2: What is server-side rendering (SSR) in Next.js?

SSR allows pages to be rendered on the server at request time, improving SEO and performance.

## 53. Next.js Q3: What is static site generation (SSG) in Next.js?

SSG pre-renders pages at build time and serves them as static HTML for better speed and scalability.

# 54. Next.js Q4: What is getStaticProps in Next.js?

A function used to fetch data at build time for static site generation.

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