Multi-Theme Switcher App

Objective of assignment:

Build a React-based web application with a **theme switcher**. The switcher should allow users to select from **three distinct themes** (Theme 1, Theme 2, Theme 3) using a dropdown in the header. Each theme should **not only change colors**, but also **alter structure, fonts, spacing, and layout**.

Requirements:

1. Header

- Fixed top header with:
  - App name/logo (dummy)
  - Dropdown to switch between themes (Theme 1 as default)

2. Themes

Implement **three complete themes** with noticeable differences:

- **Theme 1** (Default): Minimalist layout with light background, simple sans-serif font
- **Theme 2**: Dark mode with sidebar layout, bold serif font
- **Theme 3**: Colorful theme with card-based grid layout, playful Google Font (e.g., "Pacifico")

   Layout, font size, margins, components' structure and overall look should be clearly different across themes.

3. Main Content

- Sample content area with:
  - Title
  - Dummy paragraph
  - Button
  - List or Card component
  - Responsive layout for desktop and mobile

4. Functionality

- Theme should persist across page reload (use `localStorage`)
- Use **Context API** or **Redux** for theme management
- Try using an api to call the data (https://fakestoreapi.com/products)
- Responsive design using **CSS Modules**, **Tailwind**, or **Styled-components**
- Avoid using large UI libraries like Material UI or Ant Design
- Add subtle animation while switching themes
- Use `React Router` and demonstrate the theme across multiple pages (`Home`, `About`, `Contact`)
- Use TypeScript
- Make sure app is secured
- Compatible with all devices