Accessible Design System hero image

Accessible Design System

Production-ready design system emphasizing accessibility, theming, and developer workflows with comprehensive WCAG compliance

Frontend Developer & Accessibility Specialist

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Project Overview

Technologies Used

React   TypeScript   Storybook   ESLint   Prettier   Lerna

accessibility   design-system   react   wcag   storybook

The Challenge

Creating a comprehensive design system that maintains WCAG 2.1 AA compliance across all components while providing flexible theming

capabilities and seamless developer experience for large-scale applications.

The Solution

Built a modular design system using React and TypeScript with Storybook for component documentation. Implemented automated accessibility testing with eslint-plugin-jsx-a11y, established design token workflows, and created comprehensive guidelines for developers to maintain accessibility standards.

Key Metrics

100%

WCAG Compliance

All components meet WCAG 2.1 AA standards

50+

Components

Fully accessible React components

-40%

Development Time

Reduced time to build accessible features

Screenshots

Design system component library in Storybook

Component library with live examples and accessibility documentation

Dark and light theme demonstration

Flexible theming system supporting multiple color schemes

Links