

Doctor Portal – Professional Medical Management Dashboard (Frontend)

Objective

The objective of this project was to design and develop a fully functional doctor portal user interface using React.js and custom CSS. The goal was to create an interface that reflects real-world medical dashboard standards and supports daily doctor workflows such as managing appointments, patients, communication, notifications, and personal profile settings.

Approach and Thought Process

The portal was designed with a strong focus on clarity, efficiency, and ease of use. Doctors work in high-pressure environments, and their digital tools must reduce cognitive load. The design approach was influenced by established healthcare systems such as Apollo, Practo, and ZocDoc to create a familiar and professional user experience.

Design Decisions

Color Theme

A healthcare blue theme (#0A66C2) was selected to convey trust, calmness, and professionalism—qualities essential in medical interfaces.

Typography

The interface uses Inter/SF Pro–inspired fonts to ensure high readability and a clean, modern appearance. These font choices reduce eye strain and maintain a professional aesthetic.

Minimal and Functional UI

The design prioritizes simplicity and usability while maintaining structure. Soft shadows, rounded cards, consistent spacing, and clean component layout were used to create an enterprise-grade interface without unnecessary visual distractions.

Component-Based Architecture

The portal was built using reusable components including the Sidebar, Navbar, Cards, Tables, and Chat Bubbles. This structure promotes scalability and ensures uniform styling across the application.

Custom CSS System

All styling was implemented using clean, organized CSS instead of frameworks. This allows precise control over appearance, reduces bloat, and demonstrates strong fundamental frontend skills.

Pages Implemented

The system includes the following pages: Login, Dashboard, Appointments, Appointment Details, Patients, Patient Profile, Messages, Notifications, Doctor Profile, and Settings. Each page was designed to support real-world medical workflows.

Challenges and Solutions

A major challenge was achieving a professional UI without relying on CSS frameworks. This was addressed by building a custom design system from scratch using well-structured CSS. Consistency was ensured through shared spacing rules, shadows, and color tokens. The navigation and layout were simplified to make the system intuitive for doctors.

Why I Am a Strong Fit for This Role

I have a solid understanding of both frontend engineering and user experience principles. I design clean, functional, and professional interfaces while also writing scalable and maintainable code. My thought process is structured, and I take ownership of delivering high-quality results. This project reflects my ability to build real-world interfaces with attention to detail and usability.