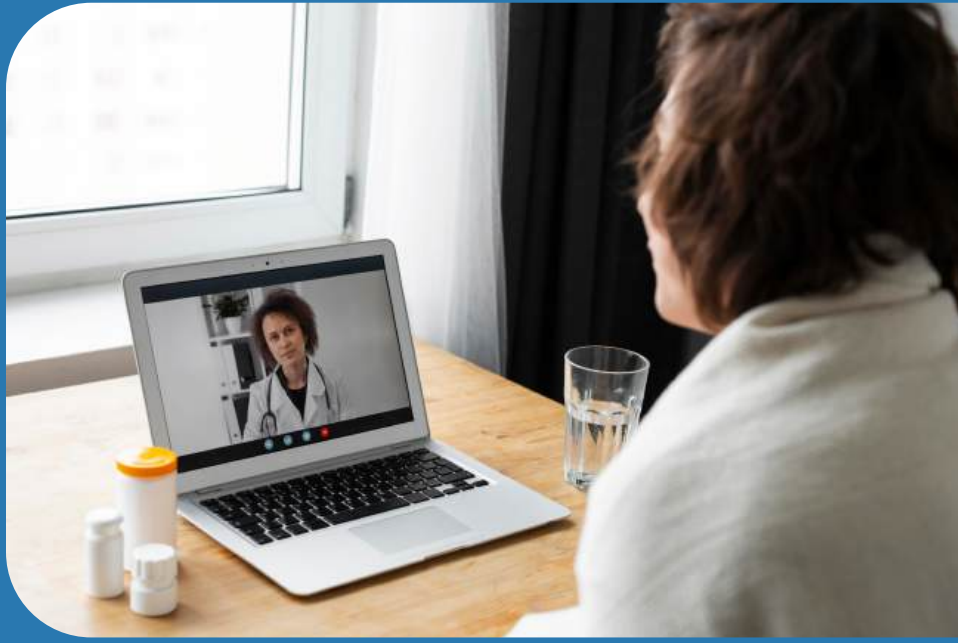


Bridging the Healthcare Gap in Rural Areas

Access to quality healthcare in rural areas has been a persistent challenge due to the lack of specialized medical facilities and limited availability of healthcare professionals. Our client aims to address this issue by connecting rural patients with city-based doctors through a seamless, technology-driven solution. The platform empowers local clinic operators to facilitate appointments, ensuring modern healthcare services reach under served regions.



Company Overview

Our client is a telehealth platform designed to enhance rural healthcare accessibility by leveraging digital solutions. It enables rural patients to consult with doctors remotely, reducing the need for travel and improving healthcare outcomes.

Challenges

- Lack of access to specialized medical professionals in rural areas.
- Patients traveling long distances for medical consultations.
- Difficulty in scheduling and managing appointments.
- Limited technological solutions for remote healthcare services.
- Inefficient document sharing for better medical diagnosis.

Solutions Offered

To bridge the healthcare gap, we developed an intuitive platform with the following key features:

- ✓ Online appointment booking through local clinic operators.
- ✓ Secure user authentication and role-based access for doctors, clinical operators, and admins.
- ✓ Integration of Dyte for video calling, allowing rural patients to consult doctors remotely and upload medical documents for better consultation.
- ✓ Payment gateway integration for seamless transactions.
- ✓ E-prescription management for improved patient care.
- ✓ Appointment rescheduling and cancellation features.
- ✓ Real-time notifications for doctors, clinic operators, and patients.

Technical Stack

- Frontend: React
- Backend: .Net Core
- Video Calling: Dyte API integration
- Payment Gateway: Easebuzz
- Cloud Hosting: AWS



Results

- Increased accessibility to medical consultations for rural patients.
- Reduced travel time and costs for patients seeking specialized care.
- Efficient appointment scheduling and management.
- Enhanced consultation quality through video calls and document uploads.
- Improved engagement between doctors and clinic operators.

Summary

Our client successfully transformed rural healthcare access by integrating digital solutions. The integration of Dyte for video calling allowed rural patients to have seamless virtual consultations, with the added ability to upload medical documents for better diagnosis. The platform ensures a user-friendly and efficient experience, benefiting both doctors and patients alike.

Technology Implementation

The platform was built with a robust tech stack that supports real-time interactions, secure data handling, and efficient appointment management. The Dyte API integration played a crucial role in enabling high-quality video consultations, ensuring a reliable telehealth experience for rural communities.