

# Case Study

## Immersive Virtual Career Fair Web App

### RealXpo Virtual Event Platform Project Overview

ARS created a true real time immersive web experience to host virtual career fair events. Attendees utilize a customized 3D avatar from Ready Player Me to walk through beautifully designed environments. It's the next best thing to a physical real-world event. The virtual web experience features a platform with virtual booths for recruiters with a queue and request for info. Users choose their own journey with access to video and text content throughout the environment. User registration is available by open link or by invitation.

The virtual event is streamed over the internet on a custom web app. The beautiful, interactive, and fun virtual scenes were developed in Unreal Engine to emulate a real world environment. The multiplayer experience allows people to meet and interact virtually with privacy features. Clients move through customized virtual 3D spaces in real time through a unique streaming experience.

### Key Features

- Move through 3D environments in virtual reality or streaming on any web browser.
- High fidelity visualizations.
- Ready Player Me Avatar generation.
- 3D app branding (logos, banners, etc).
- Teleport to exotic or familiar locations.
- Custom scheduling and events.
- Real time chat.
- Spatial audio.
- Survey integration feature.
- Upload resume feature
- Customized interactive environments.
- Take notes on the platform.
- Secure login with username and password setup.
- Teleport and use arrow keys to view or move through immersive virtual scenes.
- Users can opt-in to chat with other attendees and Zoom meeting integration.
- Pre-recorded video integration with full screen mode.
- Broadcast video (on schedule).
- Video on demand (press play to see from beginning).
- User profile information and chat data captured with reporting feature.
- Links integrated in the environment to outside website resources.
- Integration of custom content, including videos, forms, virtual books, links.



- Event Management System with admin tools for event setup and customer customization to host events.
- Dynamic content management system to change videos and content within the environment.
- Change your camera view to see your avatar from the front or the back.
- Email management tool for custom invites.

## Challenges and Core Considerations

- The customer wanted a more interactive experience for their online career fairs.
- Ensure safe and secure online meeting place
- Virtual interaction for more recruiting engagement

## Impact: The ARS Solution

There are many applications that let people meet online. This web platform lets people interact with others more immersively from the privacy of their own home. Create an avatar, meet people and virtually move through beautiful scenes. Users choose their own path through the custom environment or teleport to different locations with access to video and text content. Find more information through the scenes and/or connect with recruiters via Zoom or Chat.

