

Case Study: ARHT Trivia Kiosk

ARHT is a highly popular brand that is involved in developing AR-based hologram technology solutions for global businesses. Our team at Digital Aptech worked on 3 specific projects for ARHT and one of them is the ARHT Trivia Kiosk app.

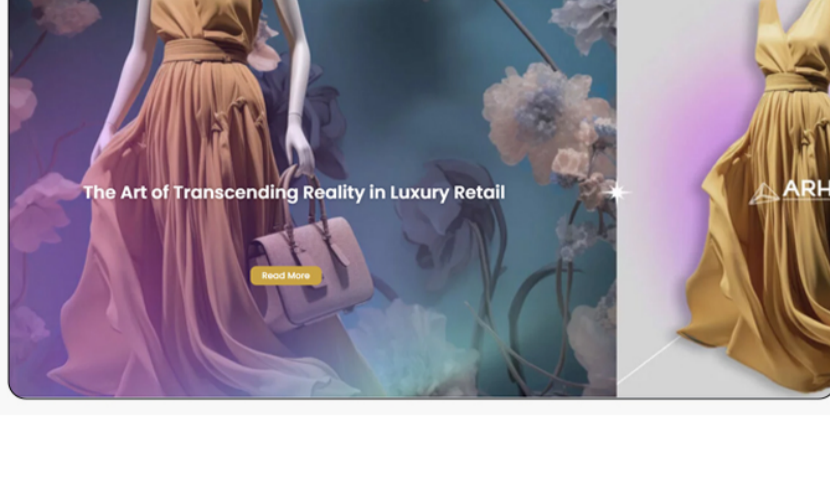
Avg. reading time: 2 min



Project Overview

- The business approached Digital Aptech to design and develop a unique trivia app that would be compatible with its world-class Capsule
- We got into a detailed discussion with the client, understood its specific requirements and planned a course of action to execute the project on time

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Client Background

- ARHT is a global Canada-based brand. It deals with creating Augmented Reality and hologram technology-based solutions for education, luxury retail, entertainment, corporate, etc.
- The Trivia Kiosk app would display fun and interesting games, individual and group scores, questions, leaderboard details, etc on the Capsule and would be accessible via a web app link



Challenges

- The new Trivia Kiosk web app has to be compatible with the technology used behind ARHT 4K Capsule kiosks
- Integration with the client's own CMS (Navori)
- Faster, accurate and reliable data collection for the business like views, user interactions and other details

Technology Stack used



VueJS



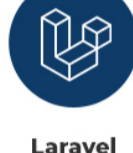
ReactJS



PHP



NodeJS



Laravel

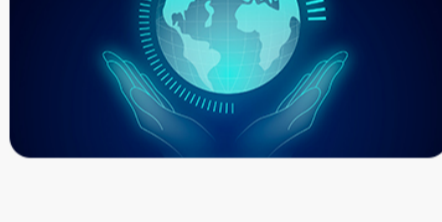


AngularJS

The Solution Provided

Solution #1

A unique and world-class trivia web application compatible with holographic technology used in ARHT Capsule



Solution #2

Smooth and lag-free display of questions, games, score boards, leaderboards and more



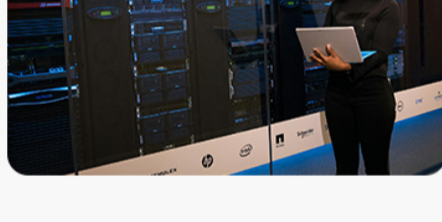
Solution #3

Users can access the trivia games and questions on the Capsule simply via a web link



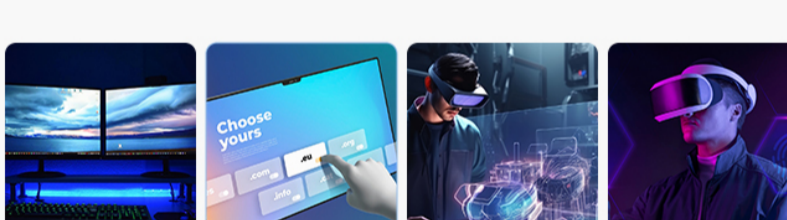
Solution #4

Smooth integration with the client's database and CMS



Key Features and Benefits

- Crisp display and faster access to trivia questions
- Smooth, lag-free display of questions and scoreboards displayed on Capsule easily accessible via the web app link
- Life-like and life-size experience
- Stunning 4K display equipped with AR-based technology

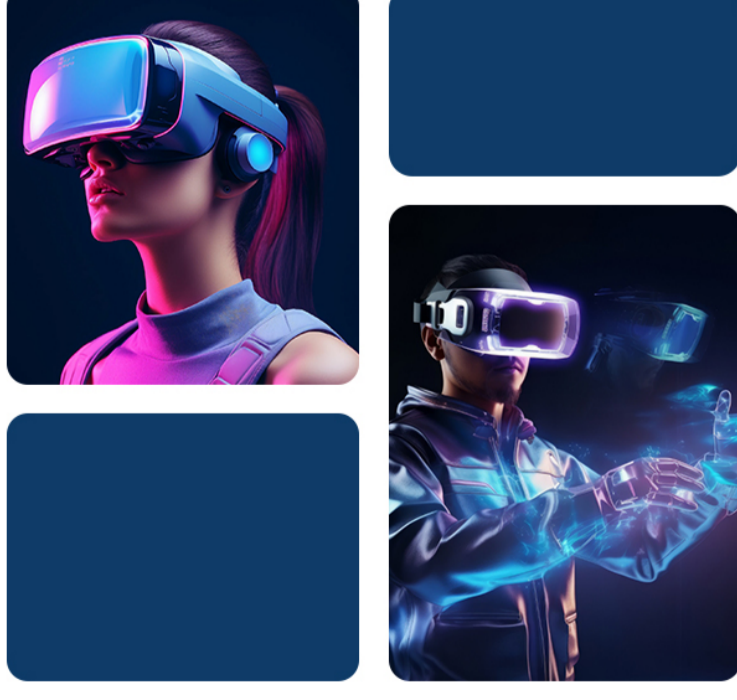


The results

- Completely immersive experience
- Smooth, lag-free display of trivia questions
- Seamless collection of user data analytics
- Real-time access to scoreboards and score changes
- 4K compatibility with the Capsule leading to improved experience

Conclusion

- A well-functioning and interactive Trivia Kiosk web app contributed to higher customer engagement
- The smooth 4K display offered a unique and unforgettable experience which further improved customer experience and satisfaction
- The platform saw improved efficiency and scalability of the operation through staff augmentation services via the Dedicated Resource Model
- Higher engagement translated to more interest among customers leading to better brand recognition and awareness



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