

AR/VR/ METAVERSE FOR LEARNING & TRAINING



SUMMARY OF TOPICS

- AR/VR/Metaverse Solutions
 - What is AR/VR/Metaverse?
- Our Past Work
- Our Development Process
- Industry-specific solutions
 - Education
 - Healthcare
 - Automobile
 - Retail
 - Fashion & Cosmetics

SUMMARY OF TOPICS

- Technological Stack
 - Frontend
 - Middleware
 - Backend
- Security & Compliance
 - GDPR Laws Compliance
- Testing
- Remote Troubleshoot
- Contact Us

ABOUT **AUGMENTED REALITY (AR)**

Augmented reality (AR) is a technology that lets people superimpose digital content (images, sounds, text) over a real-world environment.



ABOUT **VIRTUAL REALITY (VR)**

Virtual Reality (VR) is a computer-generated environment with scenes and objects that appear to be real, making the user feel they are immersed in their surroundings.



ABOUT METAVERSE

WHAT IS THE METAVERSE?

The metaverse is an open and accessible three-dimensional virtual world with multiple shared and persistent digital spaces. Users can enter the metaverse as digital avatars and interact with other users in the metaverse alongside performing other transactions.



INDUSTRY SPECIFIC USECASES

Let's learn how we can leverage AR/VR/Metaverse in different industries for learning and training.



The future
of learning

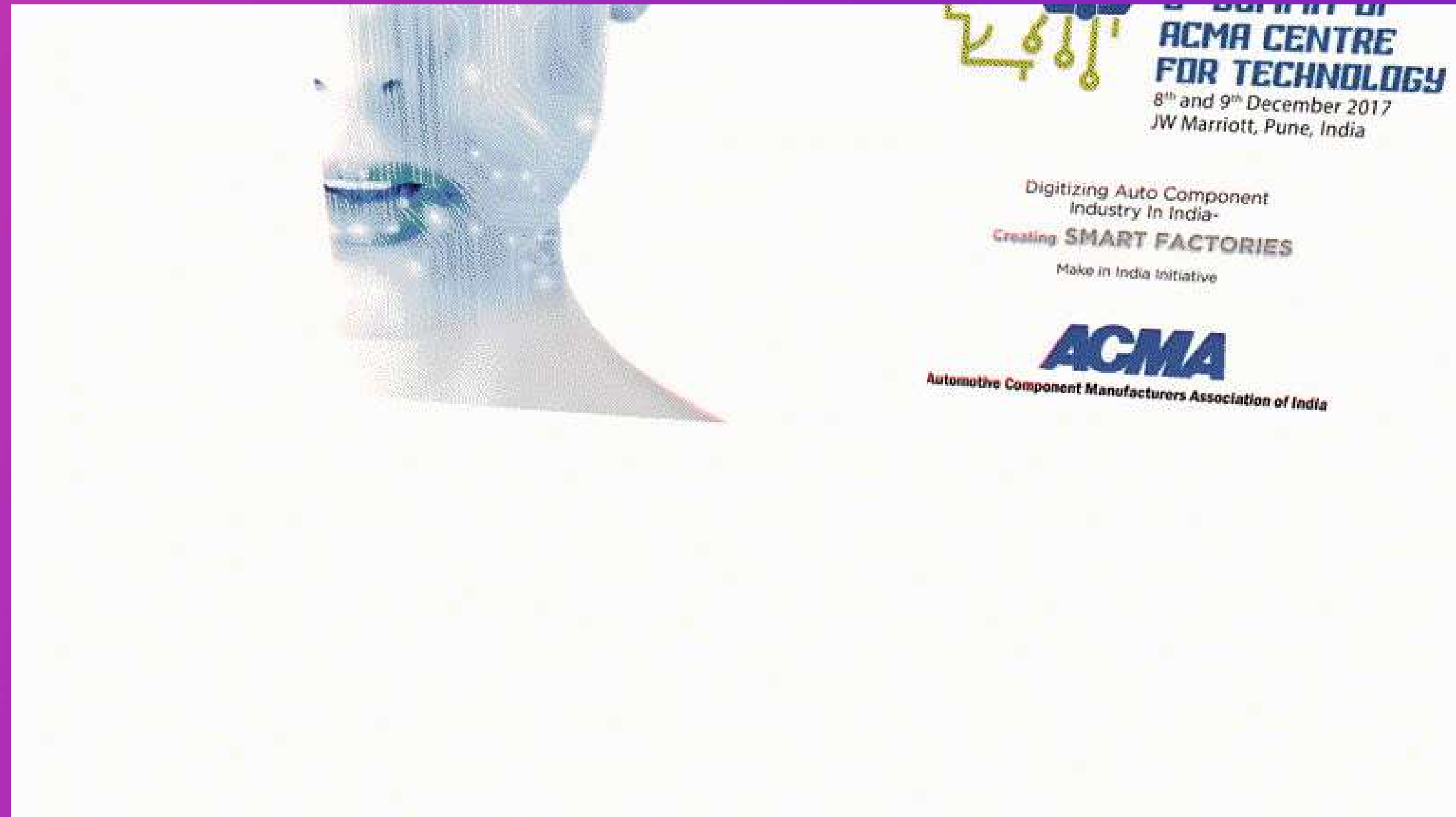
**LET'S LOOK AT
SOME OF
OUR PAST WORK**

INDUSTRIAL VR TRAINING

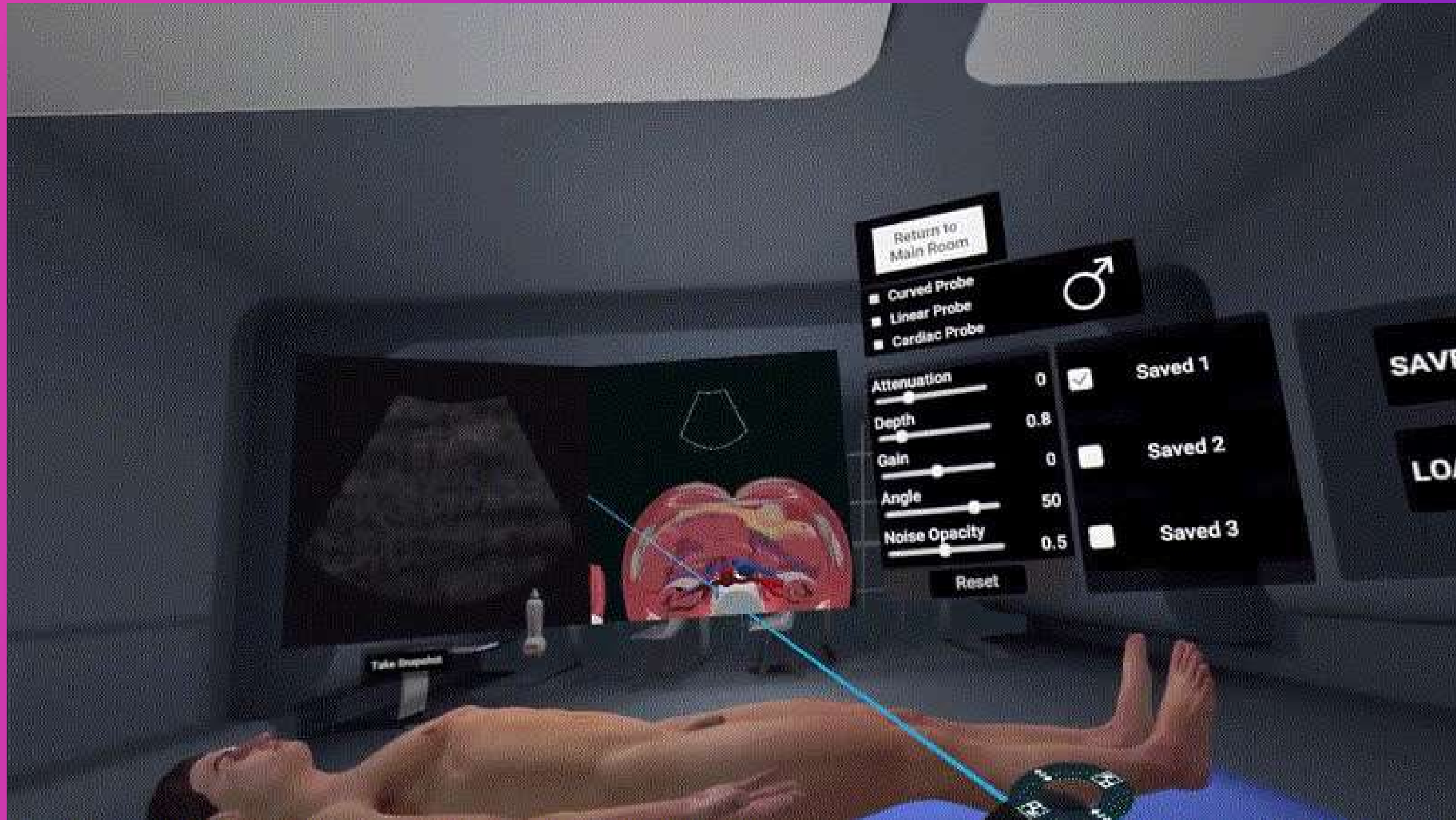
Shop Floor
Industrial Training

Bosch IOT
Training

Car Driving
Training



ULTRASOUND VR TRAINING



RETAIL WEB VR TRAINING

Furniture
Showroom Training

Car WebVR
Training

Bike Showroom
Training



LUXOR TEMPLE GUIDED TOUR

Let's visit the Luxor Temple in Egypt, without physically going to Egypt



VISIT NOW

WHAT PROCESS DO WE FOLLOW TO BUILD AN INTERACTIVE TRAINING APP?

OUR DEVELOPMENT PROCESS

Step 1 – Begin UX/UI Development & Prototyping

Create the information architecture of the system, develop & optimize the user flow, and design the user interface.

Step 2 – Begin Development Process

The experts always divide the project into small chunks, so ask them about timely work reports to keep an eye on your work process. To make your Metaverse app stand out, incorporate the latest tech stack as per your budget and business requirements.

OUR DEVELOPMENT PROCESS

Step 3 – Test & Deploy Your App

The professionals carefully test the product against bugs, usability, functionality, and compliance with all the specifications prescribed in detail. The process takes up to 20% of the development time.

Step 4 – Launch The App

Finally, when you complete all the five steps mentioned above, launch your app successfully and deploy it to a local and cloud server.

AR/VR/METaverse **FOR** **EDUCATION INDUSTRY**

AR FOR EDUCATION INDUSTRY

Make education a fun learning experience with AR



VR FOR EDUCATION INDUSTRY

Learning new languages just became more fun and interactive with VR



METaverse FOR EDUCATION INDUSTRY

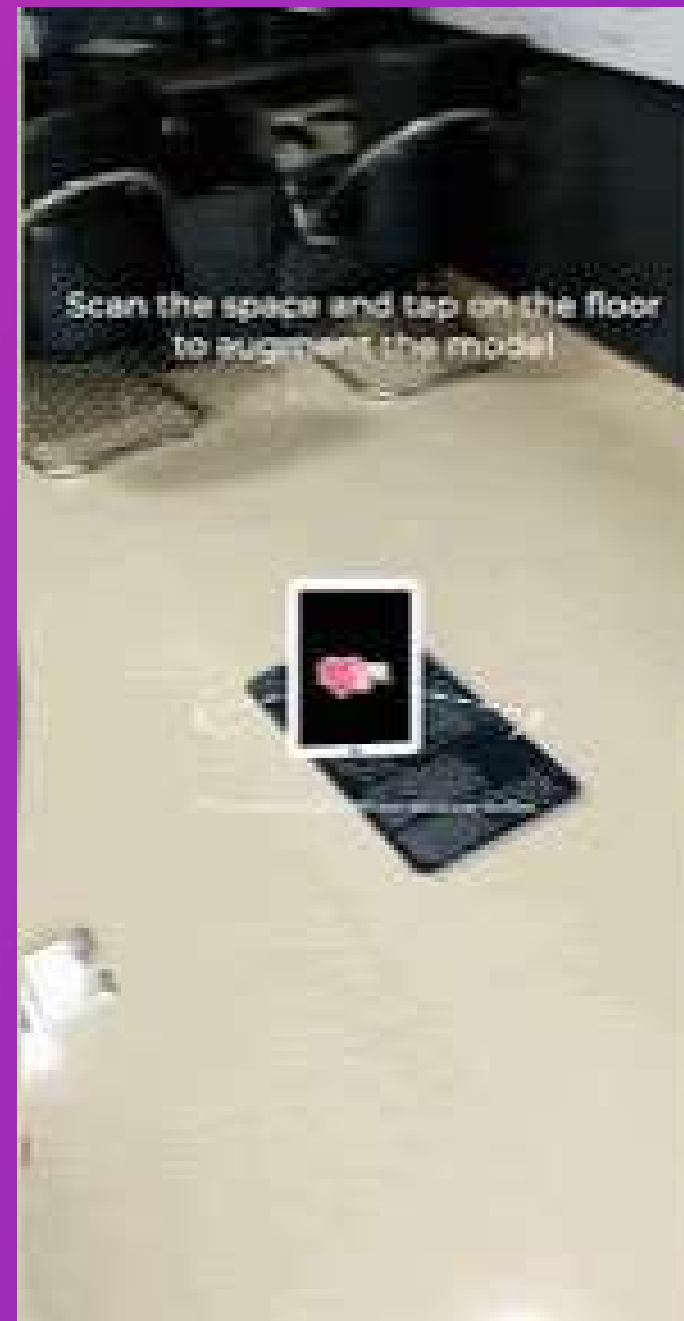
Studying history and culture from books is so old school now. Visit the Luxor Temple in the Metaverse



AR/VR/METaverse **FOR** **HEALTHCARE INDUSTRY**

AR FOR HEALTHCARE INDUSTRY

Training, reinforcing and gamifying critical life saving skills for primary health care workers through engaging in augmented reality training



WEB AR FOR HEALTHCARE INDUSTRY

A WebAR solution for the launch of Two-Step Disposable Autoinjectors

- Added an immersive dimension that brings the product to life even more convincingly
- Photo-realistic 3D model of your product
- 360° product view
- Easily Marketable and shareable



VR FOR HEALTHCARE INDUSTRY

This VR training module was focussed on showcasing the impacts of drug within the body while its been used on the patient. This also lets helps the practitioner learns more about its usage.



VR FOR HEALTHCARE INDUSTRY

Learning module for healthcare workers on various stages of labour management process



AR/VR/METaverse **FOR** **AUTOMOBILE INDUSTRY**

AR FOR AUTOMOBILE INDUSTRY

Train your salespersons about all cars, with a interactive custom AR app and serve your customers better



AR FOR AUTOMOBILE INDUSTRY

Train your salespersons about all cars in real-time within the showroom premises, with a interactive custom AR app and serve your customers better



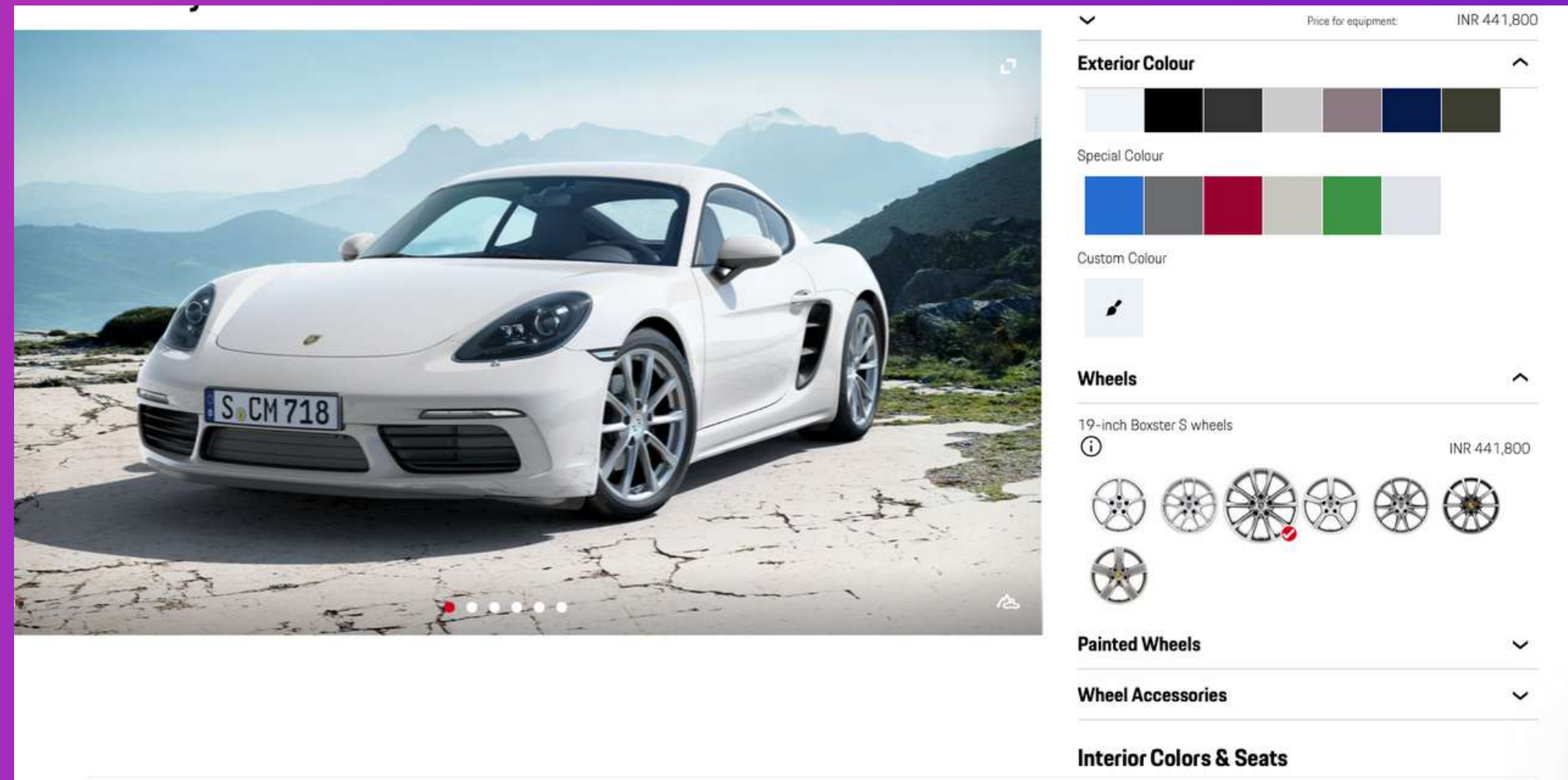
VR FOR AUTOMOBILE INDUSTRY

Take one step further from AR and train your salespersons in VR about all your cars



VR FOR AUTOMOBILE INDUSTRY

Train your salespersons about all configurations of car accessories on WebVR



METaverse FOR AUTOMOBILE INDUSTRY

Allow your salespersons to learn about your products and services in an interactive way through a metaverse platform



AR/VR/METaverse **FOR** **RETAIL INDUSTRY**

AR FOR RETAIL INDUSTRY

It's difficult for new employees to learn about all collections, placements, pricing, etc. factors of a retail super store. Why assign a person for training? When you can do it with an AR app



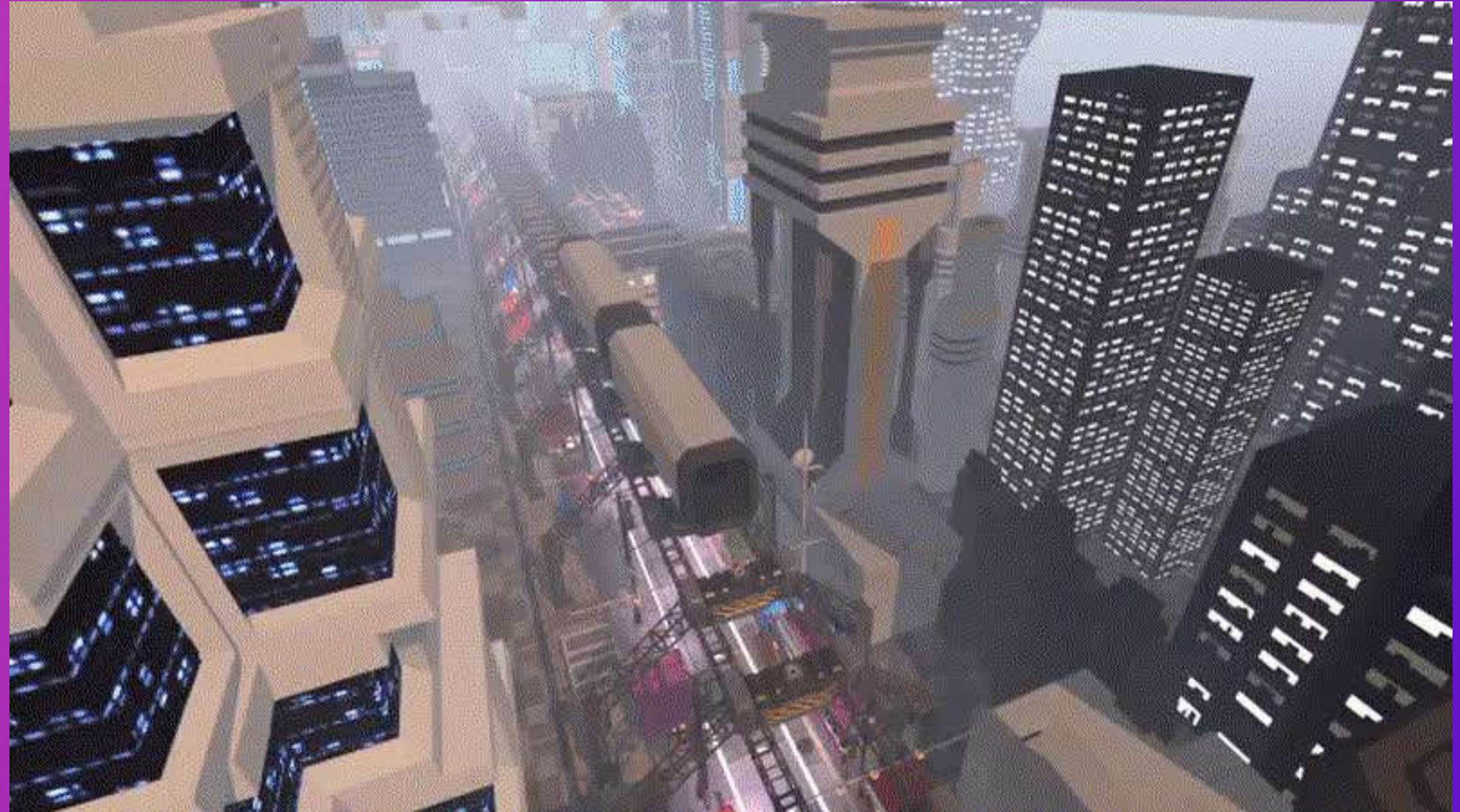
VR FOR RETAIL INDUSTRY

Take one step further from AR and train your retail superstore salespersons in VR about all your products, pricing, placements, etc



METaverse FOR RETAIL INDUSTRY

One metaverse platform for all your retail shops, showrooms, malls in single space, where you can train and collaborate at the same time



AR/VR/METaverse
FOR
FASHION & COSMETICS
INDUSTRY

AR FOR FASHION & COSMETICS INDUSTRY

Train your salespersons about all your products, colours, textures and their usage by allowing them to virtually try on all products



VR FOR FASHION & COSMETICS INDUSTRY

Take one step further from AR and train your salespersons in VR about all your products, colours, textures and their usage



METaverse FOR FASHION & COSMETICS INDUSTRY

One metaverse headquarters for all your products, R&D, etc. where you can train and collaborate at the same time



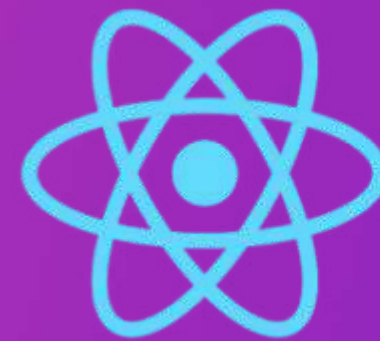
TECHNOLOGY STACK – FRONTEND



A combination of programming languages, frameworks, and tools that developers use to build a web or mobile app



Front End
Technology VR –
for Mobile



React



Front End
Technology – for
Desktop

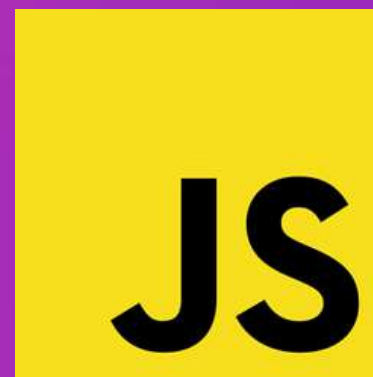
TECHNOLOGY STACK – BACKEND



A combination of servers and storage, that developers use to build APIs and store data



Google Cloud
Server
Infrastructure
Services



Back End
Technology –
JavaScript



Firestore

Google Firebase
Storage Services

TECHNOLOGY STACK – SDK



A combination of servers and storage, that developers use to build APIs and store data



ARKit for Apple iOS
AR App
Development



ARKit for Android
AR App
Development

SECURING THE PLATFORM



Google Cloud Hosting with encrypted client server communication using encrypted protocols & Google security scans.

Maintaining over all compliances & certifications like



GDPR
Compliance



TLS1.3 & HTTPS
Compliance



SOC 2.3



Tier 3,4
Compliance

GDPR LAWS COMPLIANT

- A totality of virtual and physical spaces requires compatible technical standards, protocols, interoperability, digital property, and uniform laws



TESTING



A type of testing where you verify that your code works across multiple different web and mobile platforms. This is an important part of the quality assurance process



Unit, System & 500
User Regression
Testing



VAPT Testing and
Load Testing –
Third Party



User Acceptance
Testing

GAME APP REMOTE TROUBLESHOOT

Remote support

How to use the Teamviewer Remote control



1. In Korea, Log in to TeamViewer Program

2. Enter the Partner ID (Venue's PC) then connect

3. Remote support and control begin

We provide remote troubleshoot service via. TeamViewer installed on the Desktop

For more queries, connect with us:

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