# DevDen

Discover | Design | Develop

## A CREATIVE METAVERSE CONTENT DEVELOPMENT STUDIO

Let us tell you more about the amazing things we do

#startupindia | Unity Asset Store Publisher | GoodFirms | TOP VR and AR Companies | ISO 9001:2015 CERTIFIED | IAF | STPI

# ABOUT US

Welcome to DevDen, your premier provider of cutting-edge AR (Augmented Reality), VR (Virtual Reality), MR (Mixed Reality), Metaverse, and 3D solutions. With a proven track record of delivering excellence, we take pride in serving Fortune 500 companies and beyond.

At DevDen, we specialize in crafting tailor-made solutions that harness the power of immersive technologies to elevate your business. Our expertise spans across key industries, including manufacturing, automobile, retail, health care, gaming, and more.

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# OUR CORE VALUES

At DevDen, we live and breathe innovation, ensuring that our AR, VR, MR, Metaverse, and 3D solutions are at the forefront of technological advancements. Our unwavering commitment to customer focus, quality, and integrity defines who we are. We prioritize understanding and exceeding our clients' unique needs, delivering top-notch solutions that adhere to the highest standards while maintaining transparency and ethical practices in all our endeavors.

**INNOVATION**

**QUALITY**

**CUSTOMER FOCUS**

**INTEGRITY**

# CORE STRENGTH

## METAVERSE DEVELOPMENT

Custom 3D environments, virtual assets, blockchain-based transactions

## INTERACTIVE VISUALIZATION

Customizable product visualizations

## AR TECHNOLOGIES

Visualize virtual objects in the real world

## MR TECHNOLOGIES

Overlay digital assets on physical objects

## VR TECHNOLOGIES

Immerse in 3D spaces using high-end devices

## E-LEARNING

Interactive training with data tracking and analysis

## UNITY 3D BASED APP DEVELOPMENT

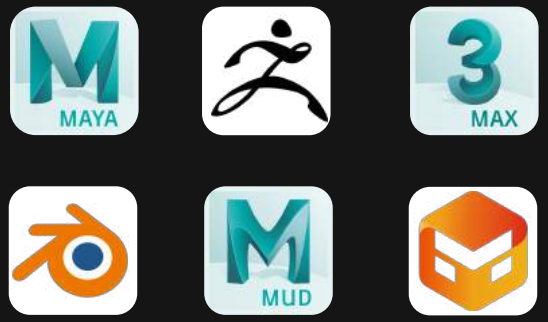
Client-specific immersive applications Development

## VR/AR INDUSTRIAL TRAINING

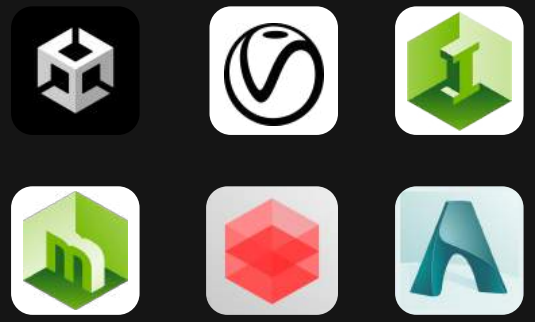
Interactive, practice-based learning for employees.

# DESIGN STACK

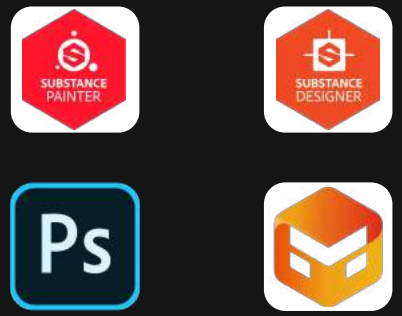
## Modelling & Animation



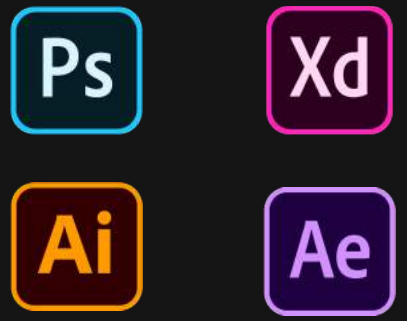

## Lighting & Rendering



## Texturing




## 2D Animation & Motion Graphics



# DEVELOPMENT STACK

## AR App (Android/iOS)

ARKit
ARCore
vuforia
AR Foundation
Unity Mars

## Web AR (Mobile Browser)

blippAR
8TH WALL
Model-Viewer
Amazon Sumerian
AR.js
zappar

## Social Media AR Filters

DeepAR Studio
Spark AR
Lens Studio

## 3D Native & Web App Development

Unity
PLAYCANVAS
Visual Studio

## Motion Control (Android/PC)

LEAP MOTION
NUITRACK

# TECHNOLOGICAL STACK

## Standalone VR Device & PC VR

## MR Devices

## Motion Control

# SERVICES OFFERED

METAVERSE

VR

MR

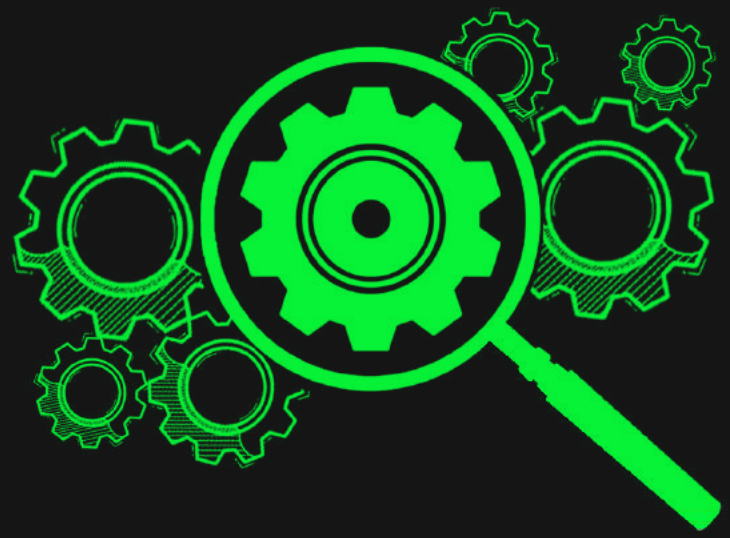
AR

3D SOLUTIONS

PC & MOBILE APPLICATIONS

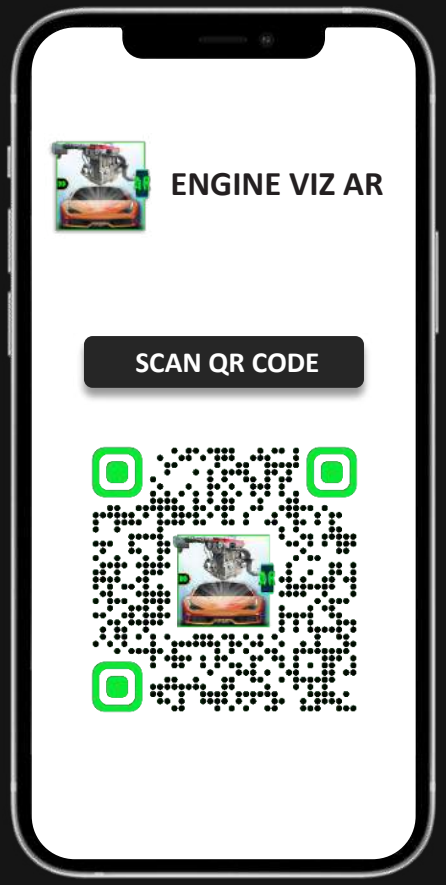
# FOCUSED DOMAINS

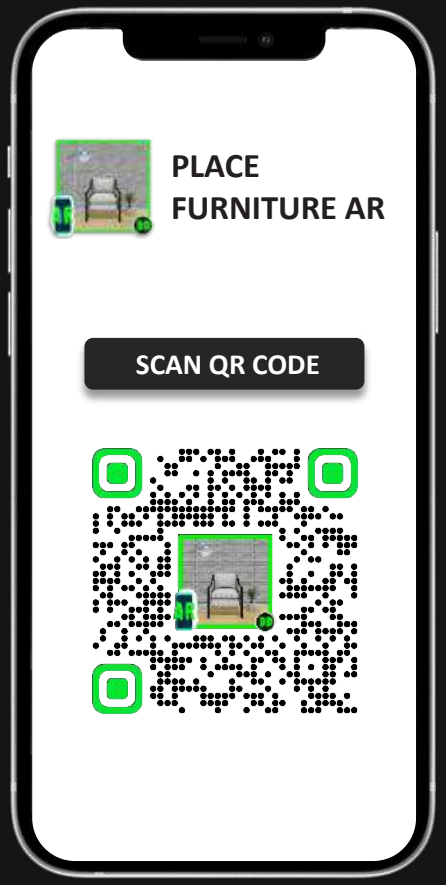
- Engineering & Manufacturing
- Automobile
- Healthcare
- Entertainment & Media
- Aerospace

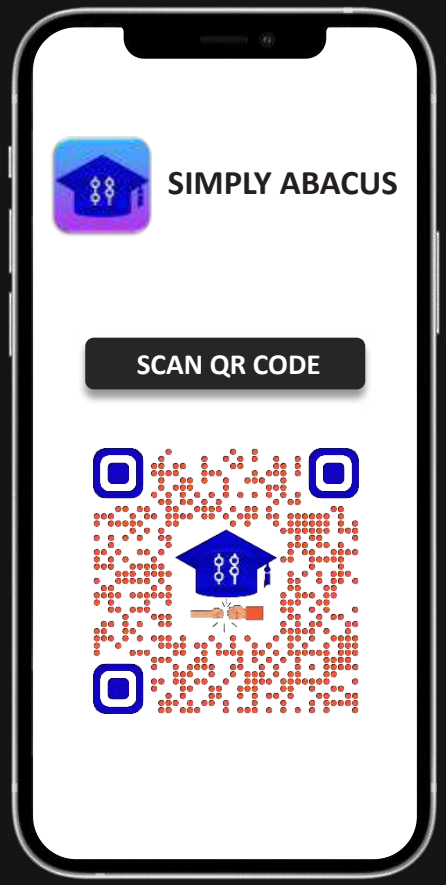


- E-Learning/Education
- Real Estate
- Hospitality
- Retail
- Game Development

# OUR WORKS (LIVE APPS)



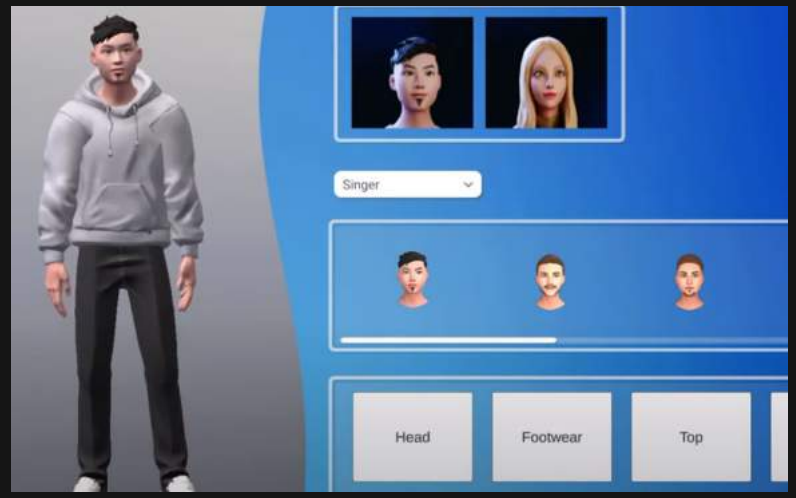
Check out our apps in the store by **Clicking or Scanning** on the above **QR Code**

# From Concept to Reality

## Unveiling Our Applications

# ENTERTAINMENT & MEDIA

## The Ultimate Music Concert Metaverse




### Concept:

A groundbreaking music concert / Event metaverse that takes the experience to a whole new level. This immersive 3D environment allows users to attend live music concerts, connect with people, and interact with their favorite performers in a vibrant and dynamic virtual world.

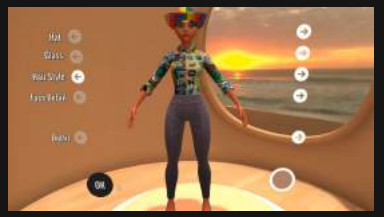
### Features :

- Event Management Dashboard
- Personalized avatar creation
- Customizable and Immersive 3D Environment
- Realtime reactions with Face Tracking
- Experience live Concerts with Data Tracking

**Video Link:** **Click here**

# HEALTHCARE

## Mental Health Metaverse App



### Concept:

This Multiplayer platform serves as a unifying space for Patients, Doctors, Parents, and Students, transcending geographical boundaries. One of its key features is ensuring the confidentiality of user identities.

### Features :

- Immersive VR consultations with mental health professionals
- Avatar Creation Room: To craft personalized avatars
- Effortlessly share reports, pre-book sessions for flexible consultations
- Securely store patient data with explicit consent for future reference
- Payment system: NTFs for global consultants, bypassing currency complexities.

**Video Link:** **Click here**

# OIL & GAS

## Gas Leak Detection: Collaborative training

### Concept:

This VR multiplayer application connects gas operators, technicians, and trainers in a tailored virtual environment for immersive training in gas leak detection and response.

### Features :

- Common Platform for geographically dispersed teams
- LMS optimizes VR training integration
- Web dashboard streamlines VR training
- Spatial representation of equipment enhances learning outcomes

**Video Link:** **Click here**

# AEROSPACE

## The Jet Bridge Simulation

### Concept:

VR/MR simulation for jet bridge training, integrating with real-life hardware. Users receive objectives, their performance is tracked and analyzed, and data is seamlessly transmitted to a backend dashboard for comprehensive evaluation.

### Features :

- Objective-based training
- Real-time backend tracking and analysis.
- Multiplatform support - VR, AR, and web platforms
- The Watch & Learn Method allows users to observe automated bots completing tasks

**Video Link:** **Click here**

# RETAIL

## Metaverse application for Retail

### Concept:

Experience collaborative shopping with seamless cart synchronization and expert guidance. Join us for a new era in Metaverse retail!

### Features :

- Collaborative virtual shopping with friends and family.
- Help Bot for Product Guidance
- Cross-Platform Convenience
- Seamless Integration with Shopify
- Multi-Platform Application with Cart Sync
- ChatGPT Integration for enhanced experience

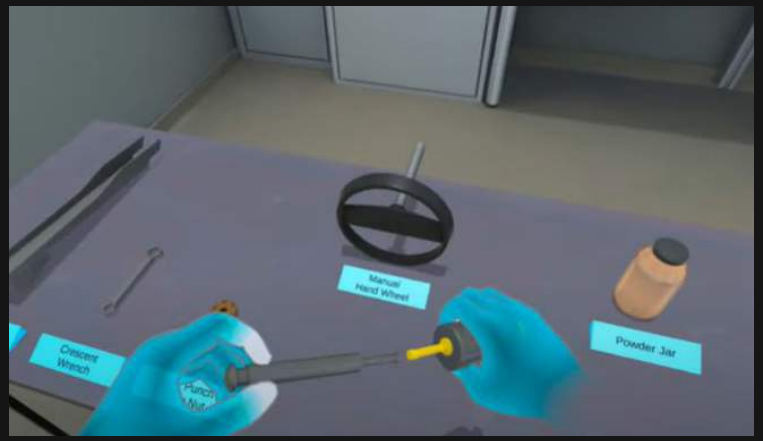
### Video Link: **Click here**

# MANUFACTURING

## Product Assembly: Training

### Concept:

VR training solution to minimize training time and eliminate the dependency on scarce resources, emphasizing the need for an efficient and effective approach in executing disassembly and reassembly procedures.




### Features :

- Interactive Simulation mimicking the actual disassembly and reassembly procedures
- Real-Time Feedback highlighting areas of proficiency and improvement
- Performance Analytics a comprehensive view of operators' skills and progress
- Managerial Dashboard  to oversee and identify any collective training needs
- Spatial representation of equipment enhances learning outcomes

**Video Link:** **Click here**

# AUTOMOBILE

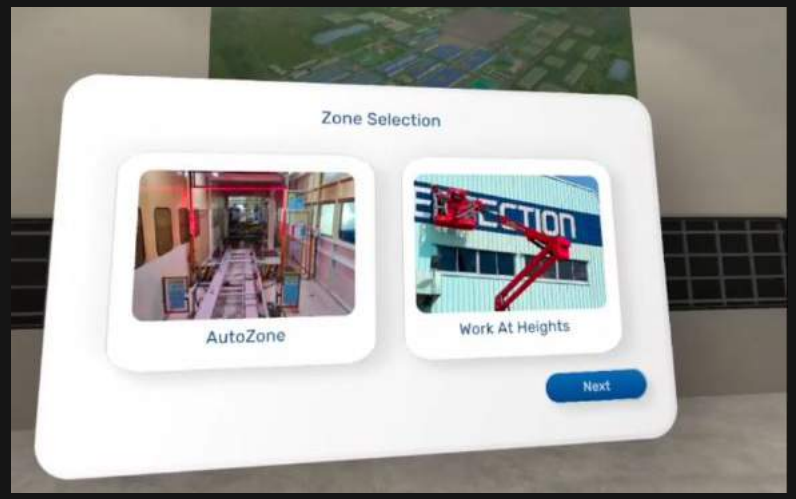
## Elevate Your Safety Skills in Virtual Reality

### Concept:

This VR application offers comprehensive safety training for heights, equipping users with essential skills for working on platforms, scaffolding, rooftops, or any other elevated surfaces.

### Features :

- Immersive sessions cover height work procedures, ensuring comprehensive safety training for users.
- VR environment allows hands-on safety practice in realistic settings.
- Repetitive learning supported: revisit tasks until confident.
- Track user performance for proficiency assessment and improvement insights.
- Instructors monitor user progress for personalized guidance and feedback.



**Video Link:** **Click here**

# MANUFACTURING

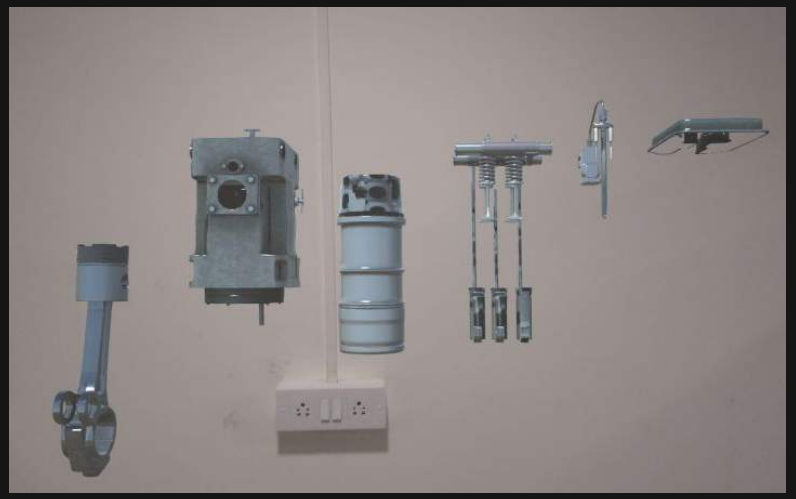
## MR Application for Training and Maintenance

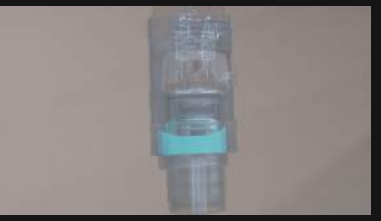
### Concept:

MR maintenance training with Hololens focuses on locomotive engine parts, merging virtual and real-world elements for effective practice.

### Benefits :

- With this innovative approach, a 25% increase in learning speed observed.
- Proactive simulated training reduces minor accidents from 2.15 to 2.05, and enhancing learning outcomes and workplace safety.
- MR training optimizes resource utilization with diverse, realistic scenarios and hands-on training without physical components.
- MR overlay boosts productivity, reducing training time by 25% and increasing monthly productivity by about 30%.





### Video Link: **Click here**

# GAME DEVELOPMENT

## NFT based Football game

### Concept:

Web-based NFT game that reimagines football in a whole new way. Available on Android and iOS, this immersive game lets football enthusiasts explore a thrilling virtual football world.

### Features :

- NFT marketplace: trade football characters and moves.
- Character Customization: Combine football skills for unique players.
- Seamless shopping: Shopify integration for real-time updates.
- Shop seamlessly across platforms: cart syncs between iOS, Android, web, and VR.

**Video Link:** **Click here**

# ENGAGEMENT MODEL

DESIGN & TECHNOLOGY PROJECTS

| | Dedicated Team | Time and Material | Fixed Price |
|---|---|---|---|
| **Project size & Duration** | Large minimum<br>6 Months | Medium to Large<br>Minimum 3 months | Small short<br>(1 to 2 months) |
| **Client Control** | High | Medium | Low |
| **Dedicated Project Manager** | Depends | Yes | Yes |
| **Pricing** | Fixed for each team member per month | Fixed on hourly, Daily, Weekly basis | Fixed price for a project |
| **Budget** | Highly flexible | Moderate flexible | Fixed |
| **Team Scalability** | Yes | Yes | NA |
| **Scope of Work** | Large | Small to Medium | Small |
| **Requirement** | Evolving | Evolving | Medium |
| **Billing Cycle** | Monthly | Weekly/Monthly | Milestone Basis<br>(Billed 25% at start) |

# OUR CLIENTS

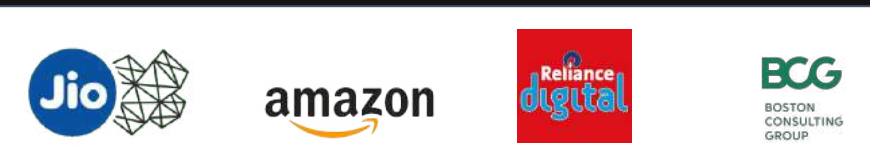
## ENGINEERING & MANUFACTURING

## AUTOMOBILE

## OIL & GAS ENERGY

## INFORMATION TECHNOLOGY

## E-COMMERCE




## HEALTHCARE

## ENTERTAINMENT & MEDIA

## AEROSPACE

# THANK YOU

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