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www.devdensolutions.com

Company Overview

DevDen is a Creative design and Technology based Business solution providing company founded By Mr. Ram Gowtham with a vision to be the **technologically advanced** and most admired organization, providing high quality and cost-effective services with a long-term client relationship strategy

DevDen is a design & creative wing of SMI group of companies. SMI is a **CMMI level 3** company with 650+ employees and with 6 development centres located USA, UAE, Bangalore, Chennai, Madurai and Rajapalayam, in India.

SMI Compliances

CMMI level 3 ROHS ISO 9001:2015 NASSCOM® एसटीपीआई STPI

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Our Team

The team consists of a bunch of passionate and fun-loving people. With an electric mix of expertise and experiences. We sit under one roof and we look to combine all our backgrounds to plan, create and execute extraordinary ideas, tailored to client's specific needs

We have a dedicated team for

- AR, VR and AI Programming
- Game Design and Development
- 3D modelling & PBR texturing
- 2D & 3D Animation
- Graphic design & motion graphics

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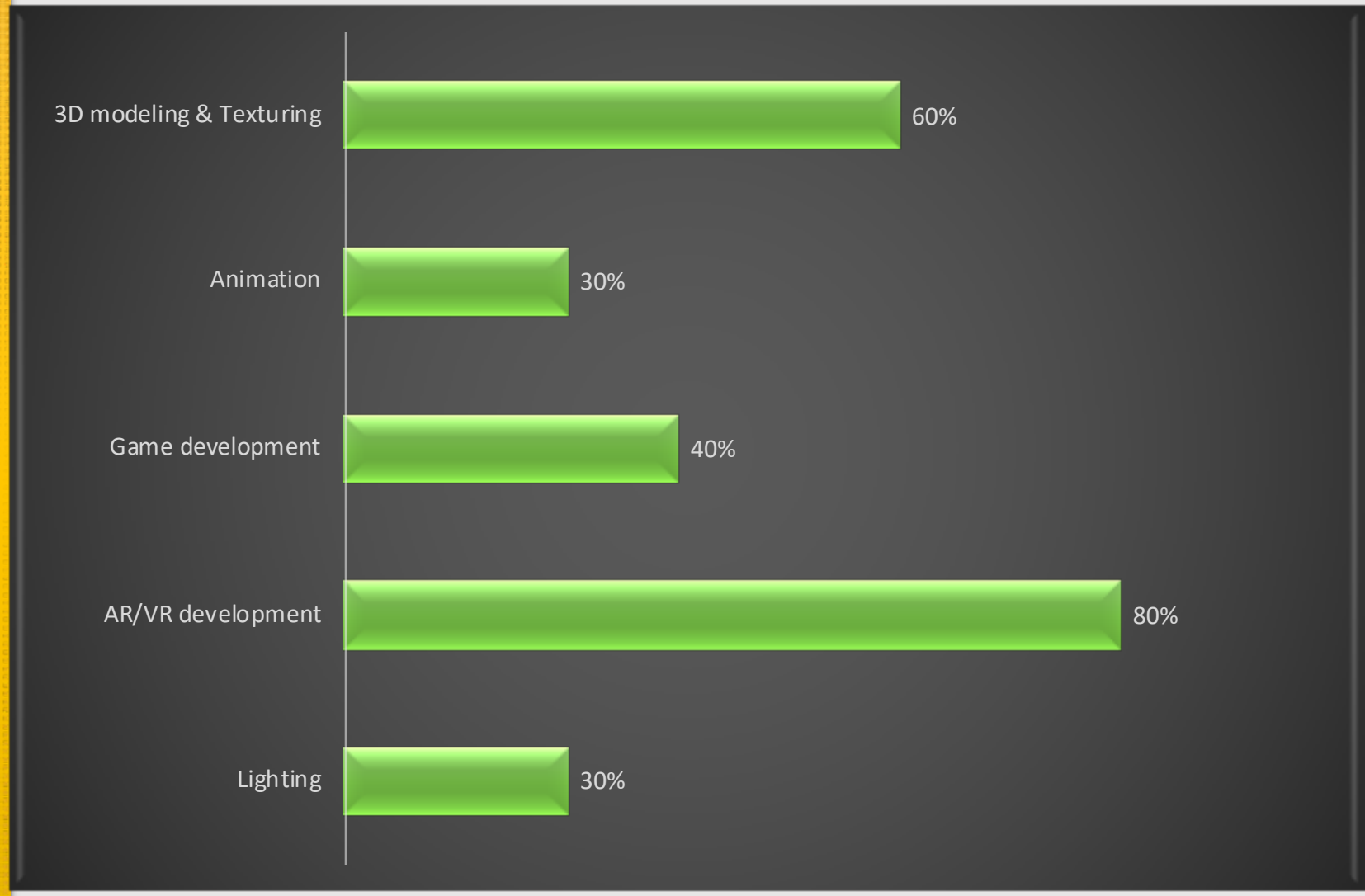
Skill Distribution



Core Strength

- **Interactive visualization**
  - An interactive/ customizable visualization of any kind of **products** and their functions can be visualized with latest technologies.
- **VR technologies**
  - Visualizing a **virtual environment from inside** virtual environment using some high end devices such as HTC Vive, Oculus Rift, android phone or an iPhone.
- **AR technologies**
  - Visualizing a **virtual object on real world** using some high end devices such as Kinect, android phone or an iPhone.
- **E-Learning**
  - Interactive training application with **data tracking, analysis** and **report generation** for various industries.

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Core Strength

- **VR/AR industrial training**
  - An immersive, **cost and time efficient** solution using AR and VR technology to **train the employees** of manufacturing, O&M sector
- **Unity3D based Application Development**
  - We use **Unity3D** to create client-specific immersive and interactive applications, which paves the way to explore the **NextGen technology-based solutions** for the client's problem statement.
  - The 3D training & virtual applications powered by Unity3D will create a niche in the training segment for **Mobile, PC, Web, and touch screen** devices especially in sectors like manufacturing and architecture.
- **Explanatory videos**
  - An **animated walkthrough video** of 30 seconds to 3 minutes, to explain a business idea, a product, a service, etc.

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Design Stack

Modelling & Animation

Texturing

Lighting & Rendering

2D animation & Motion Graphics

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Development Stack

AR app

Android / iOS

ARKit

ARCore

vuforia

Unity MARS

AR Foundation

Web AR

Mobile Browser

Amazon Sumerian

8TH WALL

model-viewer

zappar

3D based Application development

PC, mobile or touch screen device

Motion Control

Android / PC

LEAP MOTION

NUITRACK

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Technological Strength

Portable VR

oculus quest

Medium quality portable VR
with hand tracking

VIVE FOCUS

Medium quality portable VR

oculus Go

Budget friendly
portable VR

PC based VR

htc VIVE

High quality VR
With hand tracking

oculus rift s

High quality VR
With hand tracking

Motion Control

LEAP MOTION

Hand Tracking

TVico

Body Tracking

KINECT

Body Tracking

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Services Offered

- VR app development

(Mobile, PC & browser)

- AR app development

(iOS, Android & browser)

- VR based industrial training
- AR/VR based architecture visualization
- Interactive real-time product visualization
- Medical animation & visualization
- Explanatory video or infographic video
- Unity3D based application development
- 3D modelling (game ready)
- PBR texturing
- Rigging
- Animation
- e-Learning content
- Re-Topology
- Unity lighting & rendering
- Game development
- New Technology R&D

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Focused Domains

- Manufacturing industry
- Operations & Maintenance
- Architecture & Real estate
- Education
- e-Learning
- Medical simulation
- Design Agency
- Automobile
- Entertainment
- IT service company
- Technology company
- Hospitality/Safety training
- BMS & CMMS
- Retail industry
- Video Game development
- Advertisement

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Our Works

DEMO REEL

YOUTUBE CHANNEL

👉 Click Here

FULL DEMO REEL

👉 Click Here

DEMO REEL TRAILER

👉 Click Here

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Our Works

LIVE APPs

Engine Viz AR

GET IT ON Google Play

Download on the App Store

Place Furniture AR

GET IT ON Google Play

Download on the App Store

Check out our apps in the store by **clicking** on the above **buttons**.

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Sample Works

Industrial

Crane Simulation

Concept

- A VR based constriction crane simulation which can be used as a training solutions for crane operators

Features

- AI will assign a randomised task to the user
- AI will monitor the user's performance in real time
- The user can talk to AI via voice commands and text based communications
- The supervisor can get the real time analytics data using an external device via internet
- By setting up a sensors in the user's legs, this application can also be used to test if the user is having height phobia.
- The supervisor can take a report about each employee individually comparing his previous performance in graphical representation

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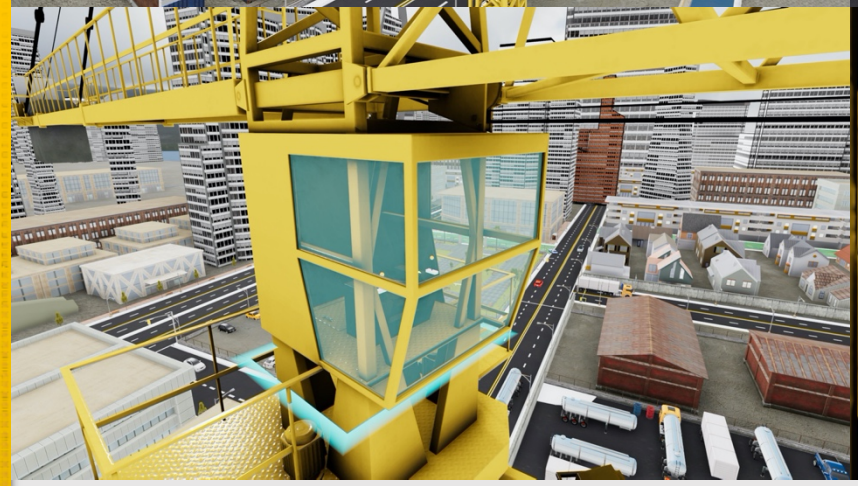
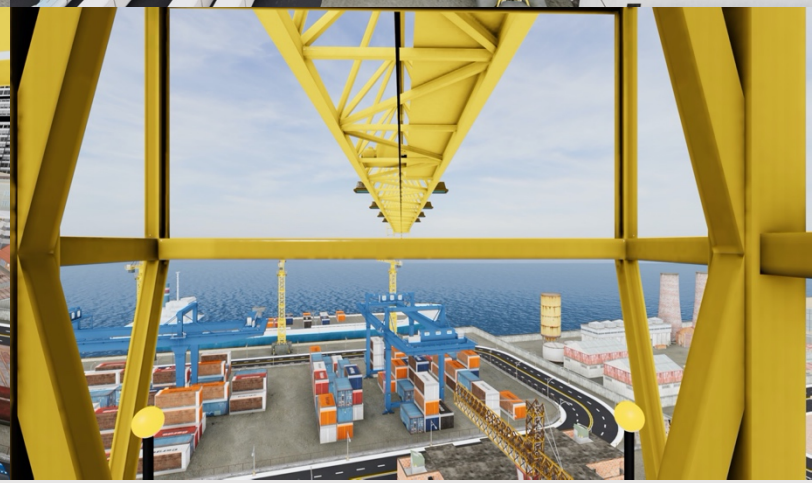
Sample Works

Industrial

Crane Simulation





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Sample Works

Industrial

Bike Assembly Simulation

Concept

- A VR based bike assembling and disassembling simulation in which the user can assemble and disassemble the bike, do some minimal troubleshooting process, do paint works, lubrication and wielding works.

Features

- The bike is made into 300+ modular pieces in which each piece is individually accessible
- There will be a AI robot inside the environment which can help the user in the process by showing him details about the parts and showing the blueprints
- AI will monitor the user's performance in real time
- The user can talk to AI via voice commands and text based communications
- The supervisor can get the real time analytics data using an external device via internet
- The supervisor can take a report about each employee individually comparing his previous performance in graphical representation

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Sample Works

Industrial

Bike Assembly Simulation

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Sample Works

Service & product Manual

Digital Service & Product Manual

Concept

Service and product manual in digital form provides structured and linked workflows with up to date instructions regardless of the place, so you don't have to deal with multiple versions of same instructions. The implementation of digital product guides will allow to significantly improve your productivity and that of your customers.

Features

- Structured workflow – Digital work instruction applications can give you a perfect overview of the logical structure of your enterprise/Product procedure in multiple languages.
- Always up to date – The biggest advantage of digital instruction application is that you can update and disseminate all your documents with one click on your desktop
- Instant Notification – Simply by opening the application your team will know what is expected of them on the workday. Your operator can also get instant feedback or message on values he inputs, on next steps following a certain input.
- Enriched instructions with Media and 3D view – The interactive 3D view with detailed description of the product and steps to followed can give a clear perspective at the time of servicing the tiniest parts inside a product.

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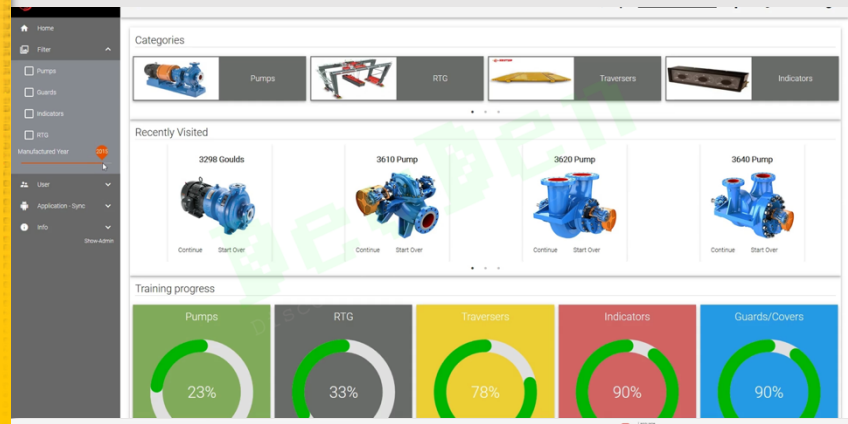
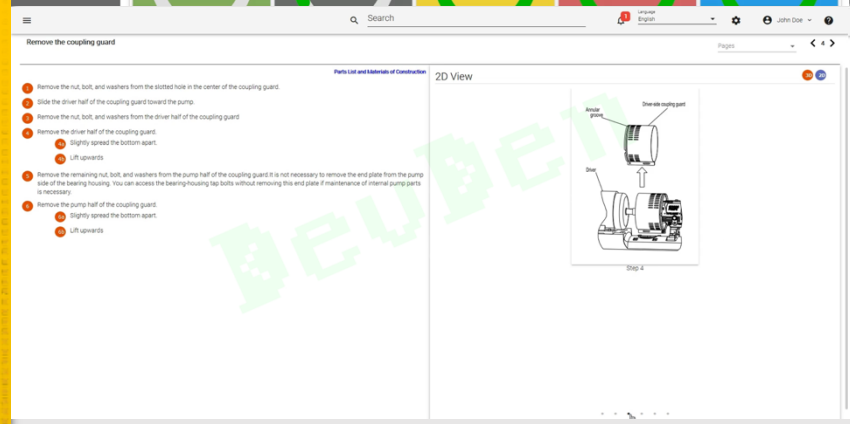
Digital Service & Product Manual

Sample Works

Digital Manual





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Sample Works

Augmented Reality

Augmented Reality applications

- **Place Furniture** – With the help of place furniture AR application you can choose suitable furniture and decorative for your dream home at your continent time and place.
- **Engine Visualization** – Engine Visualization AR application is a new form of Augmented reality application that offers users to visualize an engine in the real world along with its functions. The user will be able to view the engine in detail from all sides and figure out the features of different tunings.
- **AR Arch Viz** – Its difficult visualizing your home from complex looking engineering plans. AR arch viz app can help you visualize both elevation and interior of your house and any other Architecture before even its ready to occupy
- **AR medical App** – In the era of a computer replacing the books, innovative technologies like augmented reality pave way for the fun, attractive and exciting way of education. One can study human anatomy through this AR application.

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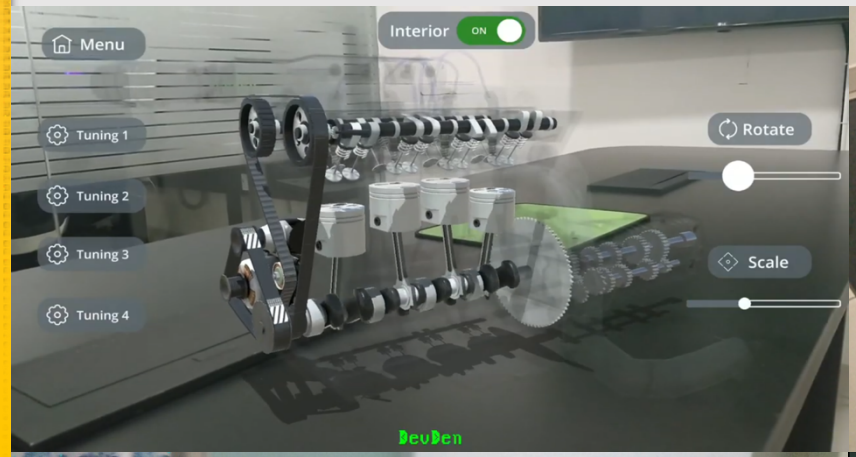
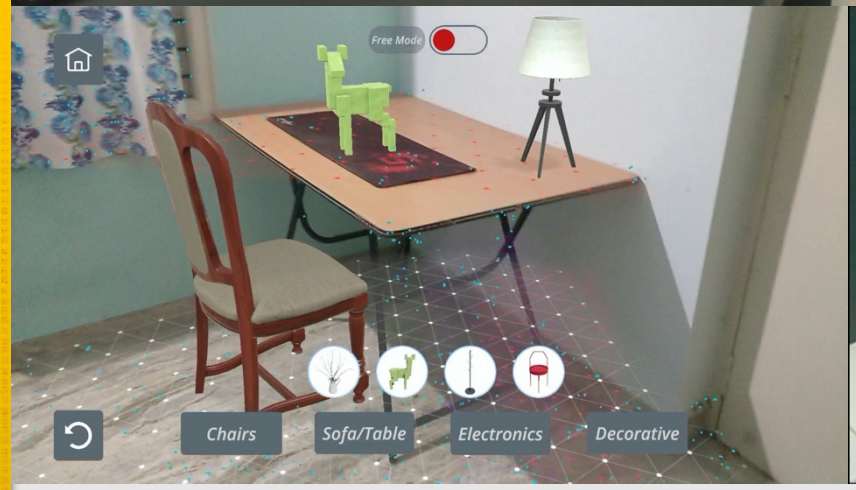
Augmented Reality applications

Sample Works

Augmented Reality





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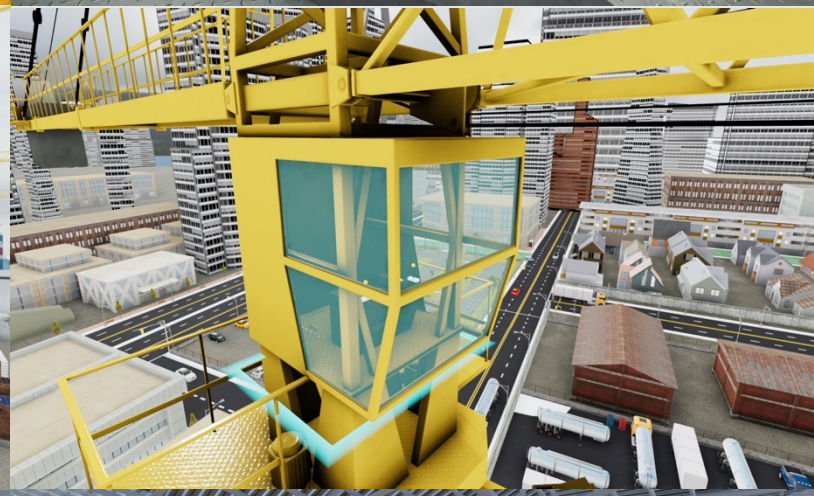
Architecture Visualization

Environment Design

VR Industrial Training



Medical Visualization

VR Showroom/Museum

Engagement Model

Design & Technology Projects

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	Dedicated Team	Time and Material	Fixed Price
Project size and Duration	Large Minimum 6 months	Medium to large Minimum 3 months	Small Short (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	Moderately flexible	Fixed
Team Scalability	Yes	Yes	NA
Scope of work	Large	Small to Medium	Small
Requirement	Evolving	Evolving	Defined
Billing Cycle	Monthly	Weekly/Monthly	Milestone Basis (Billed 25% at Start)

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Thank You

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