

CUSTOMER OVERVIEW

DEVELOPED DETAILED 3D RENDERING FOR A HIGH-PROFILE PROPERTY DEVELOPMENT PROJECT

The client is a highly renowned real estate organization that has successfully undertaken and completed various high profile and prestigious real estate development projects. Client's broad range of capabilities include commercial property development, business parks, landmark properties, multinational distribution centers, and much more. This project involves development of comprehensive interior and exterior 3D rendering of a property development project of client. This 3D rendering comprises of interactive walkthroughs and 3D structural floor plans.



Project Features

- ♦ The proposed buildings are to comprise of executive suites, showrooms, bank, restaurant, entertainment center, luxurious penthouses, corporate offices, and parking spaces.
- ♦ Combination of architectural and construction details with 3D design technology expertise.
- ♦ 3D architectural walkthroughs and virtual tours for all the sections of the building like restaurant, bank, shopping complex, lobby, garage, etc.
- ♦ 3D architectural animation with realistic images.
- ♦ 3D interior design and rendering.
- ♦ 3D exterior design and modeling.
- ♦ Detailed floor plan and structural designs while adhering to building codes and regulations for disaster resistance.

Problem Statement

Client envisioned to build a World Trade Center in Orlando, Florida, U.S.A. to serve the growing economy of Orlando. To begin with this ambitious project, client required a complete 3D modeling of the interior and exterior of the proposed buildings. The client had data such as land area available for construction, sketches and dimensions for the buildings and their various sections, site plan, and area and structural detailing for different floors. The requirement was to build a high quality 3D model using these complex details to provide a realistic representation of the buildings before they are actually constructed.

CIS Solution

To execute this project, we formed a team of 25 professionals from diverse streams and varying expertise. The team consisted of 2 lead architects, 6 assistant architects, 5 AutoCAD draftsman, 6 structural engineers, and 6 professionals for interior and exterior 3D architectural rendering.

The lead and assistant architects worked on the detailed site planning, laying out the exact sketches and drawings of the buildings, according to the land area available and using the appropriate dimensions for each section of the buildings. The structural engineers worked on the structural and physical integrity of the buildings by ensuring that the construction adhered to the standard codes and regulations for disaster resistance.

The AutoCAD draftsman created the digital technical drawings for the proposed construction plan to give a visual depiction of the buildings. Finally, the professionals for interior and exterior 3D architectural rendering worked on creating the 3D model of the architectural plan, and high quality virtual tours and walkthroughs.

Through collaboration among people from different specialized streams, we were able to implement this project successfully.

Challenges during Implementation

Due to the level of architectural technicalities that were involved in this project implementation, it was of utmost importance to collaborate with people from different domains. Hence, the most challenging part of the project was combining the expertise of people from various streams, and using the integrated knowledge to render one powerful architectural 3D model.



Positive Outcome

The resulting solution was a superior quality 3D architectural model comprising of animations, visualizations, and walkthroughs. The client was highly satisfied with the solution since it gave them a clear picture beforehand of how the buildings would look like after the construction, using the given architectural details. Such a model gave them accurate and realistic depiction of their vision.

Our Achievements



12+
YEARS
IN BUSINESS



05
WORLDWIDE
OFFICES



600+
EXPERT
TEAMS



10+
WEB
EXPERIENCE



5+
MOBILE
EXPERIENCE



5+
MARKETING
EXPERIENCE



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