

CARLO PONTANILLA

Senior Interior & Visualisation Designer

carlo@theforesightlab.com | +63 927 376 1677 | linkedin.com/in/theforesightlab | theforesightlab.com | Pampanga, Philippines

PROFESSIONAL SUMMARY

Senior Interior Designer and Founder with 12+ years transforming residential and commercial spaces across global markets. I help architects, developers, and design teams bring concepts to life through photorealistic 3D visualisations and strategic space planning using Blender, SketchUp, and V-Ray. My remote studio has delivered end-to-end design solutions for 2,000+ international projects while optimising workflows that reduce costs and accelerate timelines.

PROFESSIONAL EXPERIENCE

The Foresight Lab — Founder & CEO

Remote, Philippines | February 2023 – Present

- 3D rendering and interior design studio delivering end-to-end visualisation services remotely for architects, interior designers, real estate developers, and product owners worldwide.
- Set strategic and creative direction for a fully remote rendering studio, aligning services with global industry trends and specific client goals.
- Served 70+ retained clients — including 7 long-term contracts — overseeing remote delivery of 2,000+ global projects across a 12-year career.
- Adopted Blender as primary visualisation platform, reducing project delivery time by 50% while improving render quality and cutting client costs by 90%.
- Redesigned the studio's entire work process, removing 40% of unnecessary steps and operating costs while maintaining high work quality.
- Produced photorealistic renderings, animations, 2D drawings, and 3D models for diverse briefs worldwide.

Ameublement Assaba — Kitchen & Bath Lead Designer

Remote, West Africa | July 2020 – November 2022

- Provided creative and technical interior design solutions remotely for kitchen, bath, and living spaces across commercial and residential properties.
- Translated client briefs into detailed, functional, and aesthetically compelling space designs — driving 200% repeat business and generating referrals that expanded the client base.
- Optimised design proposals for cost efficiency without sacrificing quality, meeting budget constraints across manufacturing and construction phases.
- Created detailed 2D technical drawings and 3D models for kitchen and cabinet units in multiple digital file types, following standard industry design practices.
- Recommended material selections to ensure durability, functionality, and compliance with safety standards.
- Managed 100+ projects remotely over two years, consistently meeting deadlines and documentation standards.

A-Designs — Lead Designer & CAD Designer

Remote, Singapore | November 2018 – August 2020

- Collaborated remotely with the Principal and Chief Architect on residential and commercial interior design and space planning projects.
- Managed client relationships across 7 time zones, translating vision into personalised designs that consistently secured approvals.
- Delivered 20+ commercial projects and 40+ residential projects, consistently exceeding client expectations.
- Produced technical drawings in AutoCAD and 3D design presentations in SketchUp for client approvals and construction documentation.

ETROG Architects — CAD Specialist & 3D Visualisation Artist

Remote, Israel | August 2017 – August 2021

- Worked remotely alongside the CEO to produce sanitary plans and urban designs for new and existing commercial and residential projects in the Tel Aviv area.
- Created and optimised architectural plans and accurate 3D models using AutoCAD and SketchUp, completing over 1,000 drawings and models within the Tel Aviv metropolitan area.
- Maintained Hebrew-language database records, project tracking systems, and guideline documentation in Excel and PowerPoint for structure owners.

CIM Technologies — Applications Engineer & CAD-CAM Specialist

Makati, Philippines | July 2017 – December 2018

- Streamlined project workflows through BIM, CAD, and CAM integration, accelerating delivery by 30% while maintaining precision standards across multi-residential developments.
- Utilised AutoCAD, Revit, and Autodesk Inventor for 3D modelling, drafting, and design coordination across 10 multi-residential BIM projects.

Jubilee Alliance Inc. — Project Manager & CAD Specialist

Caloocan, Philippines | April 2015 – June 2017

- Managed end-to-end project delivery for custom stainless steel kitchen equipment, coordinating between design, fabrication, and installation teams to meet client specifications and deadlines.
- Produced detailed CAD drawings and technical documentation, ensuring accuracy across fabrication and construction processes.
- Liaised directly with restaurant clients to capture functional and spatial requirements, translating briefs into precise, production-ready design specifications.
- Maintained quality control standards throughout the manufacturing pipeline, meeting industry hygiene, durability, and safety requirements.
- Coordinated project timelines and resource allocation across multiple concurrent contracts, consistently delivering on schedule and within budget.

SKILLS

Design Expertise: Interior Space Design, Kitchen & Bath Design, Residential Design, Commercial Design, Space Planning, Colour & Material Specification

Visualisation & Rendering: 3D Architectural Visualisation, Photorealistic Rendering, Blender, SketchUp Pro, V-Ray, Lumion, D5 Render, Enscape, Unreal Engine

Technical Software: AutoCAD, Revit, Autodesk 3ds Max, Autodesk Inventor, SolidWorks, BIM Workflows, CAD Drafting, Technical Documentation

Project Leadership: End-to-end Project Delivery, Multi-project Coordination, Client Relationship Management, Budget Optimisation, Workflow Optimisation

Remote Operations: Cross-timezone Client Management, International Project Delivery, Remote Team Leadership, Async Communication

Graphic Design: Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Affinity Suite, Post-processing Workflows

EDUCATION

Diploma in Interior Design — The Interior Design Institute | 2021 | GPA 4.0

Bachelor of Science in Mechanical Engineering — Polytechnic University of the Philippines | 2017