



## KAMAL ARIYASIRI RADAMPALA GAMAGE

### BIM Modeler (Architectural/ Interior/ MEP)

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Nationality : Sri Lankan

#### Profile Summary

I have 13 years of experience as a BIM Modeler in the Interior Design, architecture design, Infrastructure design, Design Review, and construction industries. Around the last 13 years with design teams, I have practiced Interior design and Expressways geometric, infrastructure, MEP designs, BIM Modelling. I have worked with several international and local organizations and as a Freelance architectural drafter in Sri Lanka. I was involved with various Mega projects in Sri Lanka, Kenya and Cambodia.

#### Professional History

##### **Total Years of Experience – 13 years**

##### **Aug. 2023 to till Up to date.**

Interior-Architecture/BIM Modeler  
CNCT/HARMAN Construction & Engineering Co.Ltd. Cambodia.

##### **March 2022 to Aug. 2023**

Architecture/BIM Modeler  
Engineering Consultant Pvt.Ltd  
(ECL) - Sri Lanka.

##### **Aug. 2020 to March 2022**

MEP-/BIM Modeler  
Maga Engineering Private Ltd - Sri Lanka.

##### **Feb. 2018 to Aug. 2020**

CAD Drafter / BIM Modeler  
World Kaihatsu Kogyo Private Ltd - Kenya.

##### **Dec. 2013 to Feb. 2018**

Civil & Structural Drafter  
China National Aero-Technology International Engineering Corporation.  
Sri Lanka.

##### **May 2012 to Dec. 2013**

Architecture CAD Drafter  
Sino Lanka Privet Ltd.  
Sri Lanka

##### **Aug. 2010 to May 2012**

Civil Draftsman  
Maga Engineering Private Ltd – Sri Lanka

#### Language Skills

English  
Sinhala

#### Certification

- Certificate of Excellency 2015- CATIC/C10(B156 Project) Hiniduma- Opatha-Pitabeddara Road

#### Project Experience

##### **Projects Name:**

Kampong Dewa Resort is a mixed-use development project – Cambodia

**Involvement Period:** August 2023 to present.

**Client:** Kampong Dewa Resort - Sihanoukville, Cambodia.

**Role:** Interior CAD Draftsman/BIM Modeler

##### **Responsibilities:**

- Create detailed and coordinated drawings of floor, wall, ceiling, elevation, and sections 2D and 3D using Auto CAD, Revit, or SketchUp.
- Collaborate with architects, interior designers, structural engineers, and mechanical engineers, to coordinate design elements and resolve technical issues.
- Develop accurate scale drawings of interior spaces, including room layouts, furniture placement, fixture installations, and detail drawings.
- Prepare construction documents and detailed drawings, including material specifications and thorough instructions for the Site team.
- Models coordinate and Clash detection with AutoCAD and Navisworks.
- Collaborate and coordinate with the Project delivery teams for design changes and model challenges.

##### **Projects Name:**

Bandaranayake International Airport Extension Project - Sri Lanka

**Involvement Period:** March 2022 to Aug. 2023

**Client:** Airport and Aviation Services (Sri Lanka) (Pvt) Limited (AASL) - Sri Lanka

**Role:** Architectural CAD Drafter / BIM Modeler

##### **Responsibilities:**

- Analysing and understanding the building specifications, sites, and codes
- Preparing Architecture Plan (interior, exterior) Design drawings, 2D and 3D Drawings. Sketches, Details, Sections
- Landscaping design & detail drawings
- Prepare construction documents and detailed drawings, including material specifications and thorough instructions for the Site team.
- Models coordinate and Clash detection with AutoCAD and Navisworks.
- Collaborate and coordinate with the Project delivery teams for design changes and model challenges.
- Preparation of all Project Drawings, Final Design, Shop drawings, and As-Built Drawings in Cooperation with Engineers.

##### **Project Name:**

5-star Hyatt Regency Hotel - Sri Lanka

**Involvement Period:** Aug. 2020 to March 2022

**Client:** Sino-Lanka Hotels and Spa (Pvt) Ltd.

**Role:** MEP CAD Drafter / BIM Modeler

##### **Responsibilities:**

- All HVAC, Plumbing, Electrical, firefighting, gas systems, and ELV drawings 2D and 3D drawings, and co-ordination drawings all connecting MEP drawings
- Supervises the preparation of technical drawings based on rough sketches, specifications, and calculations from engineers, surveyors, architects, and MEP engineers.
- Checks and corrects work prepared by others to conform to standards, specifications,

## Academic Qualifications

### **National Certificate of Engineering Draughtsmanship**

Department of Technical Education & Training  
Sri Lanka, 2010

### **Diploma in Building Information and Modeling with Revit Architecture**

Archi Tech CAD Academy (PVT) Ltd.  
– Sri Lanka

## Professional Qualifications

- Excellent user in AutoCAD.
- Very Good user in BIM workflow.
- Excellent user in Autodesk Revit & Civil3D.
- Excellent user in Naviswork.
- Excellent user in Infracworks.
- Excellent user in Photoshop
- Excellent user Microsoft Office.

## Professional Certifications

- BIM Coordinator Certification.
- Autodesk Revit Structural Essential training.
- Autodesk Civil3D Essential training.
- Infracworks Essential training.
- Excellent user in Infracworks.
- Navisworks 2023 Essential training.
- 3D max Essential Training
- Sketchup 2021 Essential training
- Lumion Essential training
- Architectural Practice & BIM Foundations

## Performance skills as a CAD Drafter / BIM Modeler

- creating and maintaining 3D models using BIM software, collaborating with architects, engineers
- Familiar with developing projects objects in project models using appropriate families, systems, in Revit.
- Preparing as-built information drawings against Engineer, Client Requirements.
- Maintaining the design office data register repositories

and design requirements

Prepare finished drawings for construction work from sketches, specifications, and field notes

- Prepares MEP calculations for HVAC drawings, plumbing, piping, and small substation and electrical works.
- Design change requirements, including but not limited to piping, plumbing, firefighting design
- Identify any deviation in the design and the deviation.
- Experience in MEP design detailing.
- Report to the design manager as well as the MEP manager for smooth coordination of design work

### **Projects Name:**

Dualling of Nairobi-Dagoretti Corner Road C60/C61 - Kenya

**Involvement Period:** Feb. 2018 to Aug. 2020

**Client:** Kenya Urban Roads authority (KURA) – Nairobi/Kenya

**Role:** CAD Drafter / BIM Modeler

### **Responsibilities:**

- Preparing working drawings of Roads Geometric design (Civil 3D).
- Preparing structure drawings (Bridges, Culverts, Cannels)
- Preparing documents for shop drawings.
- Junction drawings and Intersection drawings (Civil3D)
- Drainage detail drawings & working drawings
- 3D modelling for Highway infrastructure (AutoCAD 3D/Revit).

### **Projects Name:**

Southern Expressway extension Project – Section 1(Sri Lanka)

Pitabeddara-Opatha-Hiniduma Road Project

**Involvement Period:** Dec. 2013 to Feb. 2018

**Client:** Road Development authority (RDA) - Sri Lanka

**Role:** CAD Drafter / BIM Modeler

### **Responsibilities:**

- Expressway Building Architecture drawings (BIM/Revit)
- landscape design & detail drawings
- Geometric drawings of the expressway (AutoCAD/Civil3D)
- Interchange ramps and local roads with plan & profile (Civil3D)
- Junction drawings and Intersection drawings (Civil3D)
- Drainage detail drawings & working drawings
- Expressway Building infrastructure drawings (Revit)

### **Projects Name:**

4-Star OZO Hotel Project – Sri Lanka

**Involvement Period:** May 2012 to Dec. 2013

**Client:** Sino-Lanka Hotels Colombo (Pvt) Ltd - Sri Lanka

**Role:** Architectural CAD Drafter

### **Responsibilities:**

- Prepared Architecture Plan (interior and exterior) design drawings, 2D and 3D drawings. Sketches, Details, Sections
- Prepare construction documents and detailed drawings, including material specifications and thorough instructions for the Site team.
- Models coordinate and Clash detection with AutoCAD and Navisworks.
- Collaborate and coordinate with the Project delivery teams for design changes and model challenges.
- Preparation of all Project Drawings, Final Design, Shop drawings, and As-Built Drawings
- Co-operation with Engineers,

### **Projects Name:**

Improvement of Rural Road Project Southern Province - Sri Lanka

**Involvement Period:** 2010 to May 2012

**Client:** Road Development authority (RDA) - Sri Lanka

**Role:** Draftsman

### **Responsibilities:**

- Preparing working drawings of Roads Geometric design (Civil 3D).
- Preparing structure drawings (Bridges, Culverts, cannels)
- Preparing documents for shop drawings.
- Preparing relevant documents for site works