

**AMAL R**

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TRIVANDRUM, KERALA

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## PROFESSIONAL SUMMARY

Electrical BIM Modeller with 3 years of experience in Electrical design, BIM modeling, and site experience in electrical substation and transmission/distribution line works. Skilled in using Revit, AutoCAD, Navisworks for LOD 200 – 400 Modelling.

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## EDUCATION

B.Tech in Electrical and Electronics Engineering

Trinity College of Engineering

2021 KTU University

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## SKILLS SUMMARY

Revit MEP

Revit Architecture

AutoCAD

Navisworks

Primavera

Dialux

Autodesk Construction Cloud

Bim Collaboration

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## WORK EXPERIENCE

### **BIM COORDINATOR | BIM MODELLER**

**PROJECT ANANTHA**

**CLIENT-ADANI**

TRIVANDRUM INTERNATIONAL AIRPORT

C&T ENGINEERS PVT LTD (AECOM SUB-CONSULTANT)

2024 April ONWARDS

**Key Responsibilities**

MEP Modelling from concept stage (LOD 200) to Detailed Design (LOD 400).

Electrical SLD, Scheme Preparation.

Electrical Lighting, Power, Equipment, Containment, FDAS, Lightning, Earthing Submission Documents and Model Preparation.

Family Creation (Parametric and Non- Parametric).

MEP Model Coordination, Clash Detection, Quality Check, Submission Documents Preparation.

Attending Client Meetings (AECOM & ADANI).

MEP Requirements of Architecture, Structure, Topography, Drain Water and all other models checking and coordination meetings with respective disciplines.

Site visit and assessment reports preparation. Checked the Working Conditions of existing MEP components.

WIP Models uploading in ACC Cloud, Publishing and sharing latest WIP Models to Clients for Review.

### **ELECTRICAL PROJECT ENGINEER**

**RDSS LOT-02**

**CLIENT- MADHYA PRADESH ELECTRICITY BOARD**

MADHYA PRADESH

ADRAK ENGINEERING AND CONSTRUCTION INDIA PVT. LTD

2023January – 2024 April

### **Electrical Project Engineer of 33/11kV Substation, 33kV Interconnection and Bifurcation**

**Key Responsibilities**

Work Planning and Management.

Risk analysis.  
Material Coordination.  
Material Store Coordination.  
Specifications, Quality & Quantity of Material Checking.  
Regular Site Inspection and Work Quality Checking.  
Quantity Assurance.  
Civil Works comes under 33/11 kV Substation Work Quality Checking.  
Cad drawings Preparation of Substation, Interconnection and Bifurcation.  
Client Billing Estimate, Work Schedule, Material Reconciliation, Subcontractor Billing.  
Assisting Site Engineers and Site Supervisors.  
33kV & 11kV line Surveys, GPS Survey, Hand Drawing Preparation.  
Also had some experiences on  
Administration, Store in charge, Billing Engineer

## **ELECTRICAL CAD ENGINEER**

CAD DESK – TRIVANDUM

2022 June – 2023 January

### **Key Responsibilities**

Software training, Project Evaluation of Students, Software lab assisting.  
Revit family creations (Parametric and Non-Parametric families)  
Taking Training Classes for AutoCAD, AutoCAD Electrical, Revit, Revit MEP & Primavera  
Software's  
Software Workshops for College & School Students  
Support for College students for projects using AutoCAD, Revit Software's

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## **CERTIFICATES**

### **PROFESSIONAL DEPLOMA IN ELECTRICL CAD**

2022 July

CAD DESK - TRIVANDRUM

### **EMPLOYEE OF THE MONTH**

2024 December

C&T ENGINEERS

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## **LANGUAGES**

Malayalam (Native)  
English & Hindi (Professional Proficiency)

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## **INTERESTS**

Sports, Movies