


MOHAMMED THAYUB TK

13/412 A, Chullickal, Kochi, Kerala 
+919037560551 
thayubtk@gmail.com 
www.linkedin.com/in/thayubtk 

To Pursue a Career that gives me a workplace to use my **logical, analytical, technical** and **communicational** skills.

Skills And Responsibilities

➤ Design and Drafting

- ❖ **HVAC DESIGNING** FOR COMMERCIAL, RESIDENTIAL AND CLEAN ROOM PROJECTS
- ❖ **PHE AND FIRE SYSTEM** BASIC DESIGN
- ❖ **HEAT LOAD** CALCULATION
- ❖ **DUCT SIZING** AND LAYOUT DESIGN
- ❖ **VENTILATION** AND FRESH AIR DESIGN
- ❖ HAVING KNOWLEDGE OF **ASHRAE , SMACNA, CPWD** STANDARDS
- ❖ **GETTING APPROVAL** FROM THE CLIENT/CONSULTANT
- ❖ EQUIPMENT SELECTION
- ❖ **VRF PIPING LAYOUT**
- ❖ **STATIC PRESSURE CALCULATION AND FAN SIZING**
- ❖ PRIMARY AND SECONDARY **PUMP HEAD** CALCULATION
- ❖ CHILLED WATER PIPE SIZING AND LAYOUT DESIGN
- ❖ CONVERTING SLD TO **SHOP DRAWING**
- ❖ BASIC 3D MODELING WITH **REVIT MEP**

➤ Estimation, Tendering and Planning

- ❖ **QUANTITY TAKE OFF** (SHEET METAL ,CHW)
- ❖ PREPARING **BOD AND BOQ** FOR PROJECT
- ❖ QUOTATION FOR GOVERNMENT TENDERS
- ❖ PREPARING THE **BUDGET**
- ❖ GETTING **BEST PRICE** FROM VENDORS FOR QUOTATION
- ❖ CALCULATION OF ACTUAL
- ❖ **INITIAL PLANNING** FOR THE PROJECT

➤ Project Engineering

- ❖ PROJECT **PLANNING AND SCHEDULING**
 - ❖ MATERIAL **ESTIMATION AND MATERIAL PLANNING**
 - ❖ MANPOWER MANAGEMENT
 - ❖ SUBMITTALS OF **BILLS** AND FOLLOW UP
 - ❖ ATTENDING SITE AND CLIENT **MEETINGS**
 - ❖ WELL VERSED WITH STANDARDS
 - ❖ MAINTAINING MEASUREMENT SHEET AND RECORD
 - ❖ ISSUING **PO(PURCHASE)** FOR MATERIALS
 - ❖ APPROVAL OF BILLS TO **SUB CONTRACTORS**
 - ❖ COORDINATION WITH ALL DEPARTMENTS TO ENSURE **TIMELY COMPLETION** OF PROJECT
 - ❖ **COMMISSIONING** OF HVAC EQUIPMENTS AT SITE
-

Experience

AUG 2017 – PRESENT

LG – DTC AIRCONDITIONS, KOCHI

- **Design and Estimation Engineer - HVAC**

Was able to design and estimate **commercial, residential** projects. Have won various projects and tenders **above 15 million** INR some of the key **projects** include:

- **ADANI PORT , VIZHINJAM, KERALA**
- **CUSAT (COCHIN UNIVERSITY), KOCHI, KERALA - KITCO CONSULTANT**
- **KINFRA START UP MISSION PROJECT – PHASE 2**
- **NPOL , KAKANAD, KERALA – INDIAN DEFENCE**
- **VYTHIRI VILLAGE RESORT, WAYANAD, KERALA – HYDROKIT PROJECT**
- **CHOICE GROUP OF INSTITUTIONS**
- **REGIONAL SPORTS CENTRE**
- **FERTILITY CLINIC, KOCHI – CLEAN ROOM PROJECT**
- **VARIOUS CHURCH AUDITORIUMS, SHOWROOMS AND RESIDENTIAL PROJECTS**

- **Project Engineer - HVAC**

Have experience in handling multiple **CPWD and defense** projects in Kochi region which gave me strong knowledge in **CPWD, ASHRAE, SMACNA** standards. Some of the key projects as project engineer include:

- **INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT), PALA, KERALA - 256 HP**
- **CENTRE FOR MARINE LIVING AND RESERCH (CMLRE), KOCHI – 278 HP**
- **EMERALD HOTEL AUDITORIUM, CALICUT, KERALA – FIRST LG CHILLER PROJECT IN KERALA**
- **INS - DRONACHRYA MUESEUM, FORT KOCHI**

JUNE, 2017 – AUG, 2017

Jr. MEP Engineer /SMEC LABS, Kochi

Was responsible to assist the senior engineer in designing of MEP projects of a **G+ 5 hotels** and apartments gained knowledge on following regions

- **HVAC DESINGING**
- **ELECTRICAL SYSTEM DESIGNING – PANEL BOARD DESIGNING, DG SELECTION, ISOLATOR AND LOAD CALCULATION**
- **PUBLIC HEALTH ENGINEERING – TANK SIZING, PIPE SIZING, VARIOUS PLUMBING FIXTURES, SPETIC TANK, OHT AND SUMP TANK CALCULATION, BOOSTER PUMP AND PUMP HEAD SELECTION**
- **FIRE SYSTEMS – VARIOUS FIRE PROTECTION SYSTEMS, SPRINKLER DESIGN, PUMP ROOM DESIGN AND PUMP HEAD CALCULATION**

Education

2013 TO 2017

B.Tech (Mechanical)/KMEA Engineering College, Kerala

Completed Bachelors degree in **mechanical engineering** with **First Class** from **M.G University**, Kerala

2011 TO 2013

High school/Sacred Heart's CMI Public School, Kerala

Completed High school in computer science specialization with **78%** from **CBS**

2011

Secondary Education/St. Paul's Public School, Kerala

Completed 10th with **88%** from **CBSE**

Software AND CODES

- AutoCAD 2016 2D drafting
 - REVIT MEP
 - Hourly Analysis Program (HAP)
 - McQuay Duct and pipe sizer , ASHRAE pipe size Chart
 - LG – LATS
 - LG - HEAT LOAD CHART
 - BETA – Grill and diffuser selection software
-

Personal Details

Father's Name	Kaleelur Rahman T.A
Mother's Name	Aysha Kaleel
Date of Birth	04/06/1996
Sex	Male
Language Known	English, Hindi, Malayalam, Tamil
Marital Status	Single
Nationality	Indian

References

Mr. Anto Jose, Area Manager, LG Electronics India Pvt. Ltd

Mr. Anu, MEP Head, SMEC LABS Pvt. Ltd