



## THALHA ABDUL GAFOOR

**Mob: +91 9847878014**

**Email: thalhagafoor@gmail.com**

**Passport No: U 9950420**

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A Mechanical Engineer with 6 months of cross functional experience in Mechanical Drawing, MEP and Machine Design Softwares. An effective communicator with excellent analytical and problem solving skills, possess effective skills at handling multiple projects simultaneously in challenging environments with excellent relationship management skills.

### WORK EXPERIENCE:

**Amnear Engineers, Thiruvananthapuram, Kerala** (From July'19 - Dec'2019)

#### Junior MEP Engineer (Trainee)

- Reviewing tender drawings and preparing RFI for any missing details.
- Quantity takeoff using PLANSWIFT and scheduling for External projects and In-house projects. Costing and Cost comparison of various quotations from suppliers.
- Value engineering to reduce the cost after checking the specification and drawings.
- Specification making after discussion with the senior members.
- BOQ preparation for Design projects and tendering projects if same is not received from the consultant.
- Design of HVAC, Firefighting, Electrical, Plumbing systems for incomplete Tender drawings.
- Shop drawing preparation of MEP services by AutoCAD and Revit MEP.
- As build drawing preparation and billing processing.
- Tender documents creation and reconciliation for Design projects.

### ADDITIONAL TECHNICAL SKILLS:

- Heat Load Calculation by manually and by using HAP Software.
- Air Terminal Selection and Duct Layout Design by manually and by using Duct Design Software.
- Fire Fighting Design as per NFPA Standards.
- Drafting of MEP services by AutoCAD and Revit MEP.
- Basic understanding of Domestic and Industrial Drainage design.
- Equipment selection based on energy analysis and architectural coordination.
- Hydraulic calculations and pump selection based on demand.
- Domestic pump design based on peak water demand.
- Quantity takeoff and scheduling for External projects and In-house projects.
- Costing, value engineering and Cost comparison of various quotations from suppliers.
- Bill of Quantity (BOQ) preparation for External projects and In-house projects.

### CERTIFICATION:

- MEP Designing and drafting with Estimation from STED Council in the year 2019.
- Certification on participation in the Finale of All India contest of Science and Engineering students organized by KPIT Technologies Limited in the year 2019.
- Certification on successful completion of training program on Robcad Basics from SIEMENS India in the year 2017.

- Certification on successful completion of training program on Industrial Automation Technology from BOSCH Rexroth in the year 2017.
- Certification on successful completion of training program on NX-Essential for NX Designer from SIEMENS India in the year 2016.

### SKILLS:

- Softwares : HAP, McQuay Duct Sizer, McQuay Pipe Sizer, Plan Swift, Autodesk Revit MEP, Relux, ASHRAE Duct fitting database, AutoCAD.
- Office Tools : MS Word, MS PowerPoint, MS Excel.

### SCHOLASTIC CREDENTIALS:

- B.E Mechanical Engineering from Mangalore Institute of Technology & Engineering, Mangalore, Visvesvaraya Technological University, Karnataka, India with CGPA 8.36/10 in the year 2019.
- Plus Two Science from P.E.S Vidyalaya, Payyanur, Kerala, Central Board of Secondary Education (CBSE) with 74.00% in the year 2015.
- S.S.L.C from P.E.S Vidyalaya, Payyanur, Kerala, Central Board of Secondary Education (CBSE) with CGPA 9.40/10 in the year 2013.

### PERSONAL DETAILS:

FATHER'S NAME : Abdul Gafoor K K  
GENDER : Male  
DATE OF BIRTH : 17-09-1996  
PERMANENT ADDRESS : M.T.V House, Ramanthali, Vadakkumbad P.O,  
Payyanur, Kannur Dist.,  
Kerala-670308.  
LANGUAGES KNOWN : English, Malayalam.

### DECLARATION:

I hereby declare that all the given information is genuine in all respects and is true to the best of my knowledge.

Place : Payyanur  
Date : 02.12.2021

  
( THALHA ABDUL GAFOOR)