



ROBIN.S.GETTY

B-Tech:

**MECHANICAL
ENGINEERING**

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Contact No

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Personal Profile

Date of Birth: 18-01-1992

Sex: Male

Nationality: Indian

Marital Status: Single

Linguistics Abilities

(To Speak, Read, Write)

- English
- Hindi
- Malayalam

CURRICULUM VITAE

CAREER SUMMARY :

- Professional **Mechanical Engineer with 5+ years of experience** in heating, ventilation and air conditioning (HVAC) & MEP design, installation, maintenance
- Possess in depth knowledge of proposal and planning, detailed HVAC design as per ASHRAE standards, HVAC load calculation, ventilation calculation, ducting and piping layout, creating drawings, issuing BOQ, equipment selection, site supervision, Quantity surveying, Billing & verification, coordination & field engineering
- Planning and undertaking scheduled maintenance and have strong technical expertise of piping, pipe supports, valves, related components in related to construction, planning, fabrication, erection, welding, inspection and hydro testing
- Extensive experience in MEP & HVAC project management, execution and co-ordination

EDUCATIONAL QUALIFICATIONS:

- **B-Tech in Mechanical Engineering from Hindustan College Of Engineering ,(UNIVERSITY OF KERALA) 2010- 2014**

TECHNICAL QUALIFICATIONS:

- **QA/QC in welding inspection**
- **Diploma in HVAC Designing and Drafting**
- **AutoCAD: Design and Drafting**
- **Fire Fighting Designing And Drafting**
- **Piping and pipeline engineering with isometric drawing**
- **NON DESTRUCTIVE TESTING (NDT level II)**
 - **Magnetic particle Testing**
 - **Ultrasonic Testing**
 - **Liquid penetrant Testing**
 - **Radiographic Testing**

PROJECT IMPLEMENTED – B.Tech

TINY E-TRIKE

It is a small three wheeled foldable electric vehicle which is light in weight and enough to withstand the weight of a single person

WORK EXPERIENCE

Firm: NCFC Contracting, Sharjah

Duration: January 2020 to February 2022

Position Held: Project & Maintenance Engineer (HVAC)

Job Profile:

- Design HVAC systems in buildings for diverse clients including private owners, corporations, hospitality facilities, restaurants, educational institutions, and government entities.
- Erection, maintenance and commissioning of HVAC system
- Head load calculation using Hourly Analysis Program (HAP)
- Designing ductwork system and HVAC piping system, and other HVAC drawings on AutoCAD
- Selected and scheduled HVAC equipment based on load requirements calculated with software programs.
- Handled responsibilities of developing duct and pipe drawings, preparing technical documents, and reviewing supplier design
- Conducting maintenance activity in installed Chiller system, VRF system and centralized AHU
- Carries out technical evaluation of repeated defects that are causing frequent breakdowns & arrange rectification by means of modification or replacement
- Extensive experience in managing and planning projects simultaneously in given deadlines
- Day to Day management of the site work, including supervising and monitoring of the on-site labour force
- Planning the installation work and efficiently organizing the site facilities in order to meet agreed deadlines
- Strong leadership in supervising personal, preparing daily reports, establishing schedules.
- Coordinating final Inspection with Contractor and Consultants

Firm: SHREYUS ENGINEERS (Authorized Carrier Air condition Dealer)

Duration: November 2015 to December 2019

Position Held: Mechanical Engineer (HVAC)

Job Profile

- Get approved HVAC Shop Drawings, MEP- Coordination Drawings, Work method statement and Project Specification from Project Engineer.

- Ensure the HVAC Ducts, Fittings, accessories and Cold water pipes, fittings, accessories are available and approved by Inspection department prior to installation
- Ensure sufficient hand tools, power tools, ladder and scaffolding are available for installation
- Coordinate with other discipline and ensure site clearance is available to start the HVAC Activities
- Arrange the sufficient manpower such as Supervisor, Foreman, Duct fitter, pipe fitter, Assistant duct and pipe fitter etc., and ensure all of them attended safety orientation and having proper PPE's prior start installation activities at site
- Provide approved HVAC Shop drawing, MEP Co-ordination Drawing to site supervisor (or) Foreman and inform them to shift the required ducting and piping approved material from warehouse to site and arrange required material to avoid progress delay.
- Prior to start HVAC activities notify to QC Personal for surveillance to ensure the quality work
- Closely monitor site activities to ensure quality of work is in compliance with approved shop drawing and Specification and get daily progress report from site supervisor (or) foreman and update to project Engineer (or) Manager
- Day to Day management of the site work, including supervising and monitoring of the on-site labour force
- Planning the installation work and efficiently organizing the site facilities in order to meet agreed deadlines
- Carry out all planned site inspections as per the intervention points marked in the relevant drawing and standard
- Active involvement in weekly meetings with the Project management & QC Supervisor and manager to resolve the site related issues.
- Assist the Commissioning Team in Pre-commissioning & Commissioning stages of all HVAC Equipment's.
- Assist the Project Engineer during Preparation of final Test Reports, as built drawings, Operation & Maintenance manual and handing over the project to client
- Preparation of yearly maintenance schedule, monthly invoices

Projects Handled

- DEXLOCK TECHNOLOGIES LLP- Kochi ,Kerala
- CII GUARDIAN INTERNATIONAL LIMITED- CSEZ,Kochi
- EVM MOUNTAIN CLUB RESORT -Kumily,Kerala
- SFS HOMES BUILDERS & DEVELOPERS- (Kochi,Trivandrum,Kottayam),Kerala
- SANJOE HOSPITAL -,Perumbavoor,Kerala
- MALABAR GOLD & DIAMONDS – Kottayam,Kerala
- MUTHOOT FINANCE LTD (Regional office)- Kochi,Kerala
- ANDHRA BANK (Zonal office)- Kochi,Kerala
- PVR CINEMAS- Kochi,Kerala
- MATHRUBHUMI NEWSPAPER OFFICE- Kannur,Kerala

KEY STRENGTHS:

- Good experience in project management, execution and co-ordination.
- Extensive experience in Direct expansion air conditioning system
- Good communication, presentation and interpersonal skills.
- Ability to work under high-pressure work environments.
- Committed in achieving corporate goals within given time limits
- Highly motivated and hardworking with the ability to work efficiently in a team as well as independently

PROFESSIONAL STRENGTHS:

- Capable of planning Mechanical, Electrical, Plumbing, Firefighting and HVAC system design of high rise buildings and can also be part of project implementation.
- HVAC cooling load calculation(by manual calculation and HAP),Duct designing
- Planning and undertaking scheduled maintenance
- Good experience in pipeline and operation system
- Preparation of maintenance strategies, procedures and methods
- Day to Day management of the site work, including supervising and monitoring of the on-site labour force
- Excellent command over Duct Designing methods and Heat Load Calculation
- Extensive experience in operation and maintenance

TECHNICAL SKILL:

- MEP Designing and Drafting (Fire Fighting and HVAC).
- Good Experience in Direct Expansion Air Conditioning System
- Cooling and heating load calculation using Hourly Analysis Programmer(HAP)
- Calculation of ducts and pipes using McQuay DUCT & PIPE SIZER
- Good knowledge in pipeline system
- Good knowledge in designing and drawing
- Hands on Experience on AutoCAD
- Good knowledge in MS Office

DECLARATION:

I hereby declare that all statements made here are true to the best of my knowledge and belief.

Place: KOLLAM

Date: 07-03-2022

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