

RESUME



ABHIJITH P SABU

MEP ENGINEER | HVAC SPECIALIST | PROJECT COORDINATION

CONTACT INFORMATION

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PERSONAL INFORMATION

Date of Birth : 16/04/1996
Sex : Male
Nationality : Indian
Passport no : S8992888
Date of expiry : 18-11-2028
Marital Status : Single

CERTIFICATE AND TRAINING

- Diploma in MEP – 2019
- Autodesk Revit
- Autodesk AutoCAD
- HAP
- Duct sizer,
- PRIMAVERA (P6.8.3)

PROJECT ACHIEVEMENTS

- Bagchi-Parthasarathy Hospital Bengaluru- IISc Project
- CT scan devi hospital Tripunithura
- Clean Room Pran Medi system Edappally
- PET CT Scan Bharath Hospital Kottayam
- General Operation theatre Bharath Hospital Kottayam
- Oxygen plant Bharath hospital Kottayam
- Pediatric ICU and step-down ICU of Travancore Medicity Kollam
- Oxy cure Polyclinic Kottayam
- Triumph Showroom Kottayam and Palakkad
- Hotel Aida Kottayam
- Hotel Pentagon Ettumanoor

PROFILE

A highly skilled MEP Engineer with 5 years of experience specializing in HVAC, complemented by recent expertise in structural engineering. Proven track record in directing the strategic implementation of MEP systems across large-scale commercial, residential, and industrial projects, ensuring compliance with client specifications, design standards, and local codes. Adept at validating MEP designs, conducting site inspections, managing integrated testing and commissioning, and enforcing rigorous safety and quality control measures. Experienced in analyzing MEP system TDS, overseeing third-party testing.

Additionally, possess hands-on expertise in steel structure fabrication, erection, alignment, and structural integrity assessments. My multidisciplinary proficiency enabled me to contribute to high-profile project with IISc Bengaluru, demonstrating my ability to handle complex MEP and structural challenges with precision and efficiency.

WORK EXPERIENCE

IISc Medical School Foundation

MEP Engineer

Feb 2024 – Present / Bengaluru, Karnataka, India

Manage and oversee MEP systems in the Project - Bagchi-Parthasarathy Hospital, ensuring compliance with design standards and codes.

- Directed the strategic implementation of MEP systems across diverse large-scale construction projects (commercial, residential, industrial), consistently exceeding client specifications, design standards, and local code requirements.
- Validated and authorized MEP system designs from contractors and consultants, optimizing alignment with project specifications and performance objectives.
- Executed comprehensive site inspections and quality audits of MEP installations, ensuring adherence to project specifications and maintaining superior quality standards.
- Managed the integrated testing and commissioning process for MEP installations, validating system functionality and safety compliance for successful project delivery.
- Implemented and maintained rigorous safety protocols and quality control measures, guaranteeing compliance throughout all phases of MEP installation.
- Performed detailed analyses of MEP system TDS, ensuring all materials and equipment aligned with project specifications, quality benchmarks, and jurisdictional codes.
- Managed third-party testing of MEP materials, validating adherence to stringent technical specifications, safety protocols, and quality benchmarks.

Steel Structure Work

- Managed the end-to-end process of steel structure fabrication, erection, and alignment, optimizing on-site efficiency and quality control.
- Conducted rigorous welding quality inspections, guaranteeing strict adherence to AWS, ASME, and IS standards for structural integrity.
- Executed comprehensive material inspections of steel sections and fasteners, verifying adherence to project specifications and quality benchmarks.
- Collaborated closely with structural engineers and contractors, facilitating seamless project execution and problem resolution.
- Validated bolting, bracing, and structural integrity, ensuring adherence to engineering design and safety requirements.

RESUME

SOFTWARE SKILLS

- MS Project
- MS Word
- MS Excel
- MS Power Point

RELEVANT SKILLS

- Project Management
- HVAC Load Calculation
- Site Supervision & QC
- Safety Management
- Analytical Thinking
- Negotiation Skills

LANGUAGE PROFICIENCY

- English
- Hindi
- Malayalam

PRESENT ADDRESS

Pavithra edition, Bengaluru
Karnataka, India, PIN: 560022

PERMANENT ADDRESS

Purakkadamaliyil, House
Veloor P.O, Kottayam
Kerala, India, PIN : 686003

Vert Air Systems

HVAC Engineer

July 2020 - Feb 2024 / Kottayam, Kerala, India

A leading provider of HVAC solutions and ventilation projects in Kerala.

- Performed detailed heating and cooling load calculations using Carrier e-20 software and ASHRAE/ISHRAE standards, conducting comprehensive building surveys and developing riser diagrams for multi-story structures.
- Collaborated directly with clients to define project requirements, objectives, design specifications, and operational parameters, enabling accurate cost estimation, feasibility analysis, and HVAC equipment implementation.
- Developed detailed duct and pipe drawings, prepared comprehensive technical documentation, and conducted thorough reviews of supplier designs to ensure project compliance.
- Selected optimal indoor and outdoor HVAC units based on calculated CFM and tonnage requirements, ensuring efficient system performance.
- Prepared accurate tender estimates, Bills of Quantities (BOQ), and Bills of Documents (BOD) for HVAC projects.
- Coordinated and supervised skilled labor, including pipe fitters and duct fitters, for efficient HVAC installation and maintenance projects.
- Ensured the provision of all necessary safety gear and equipment, maintaining a safe working environment for all personnel.
- Specified and selected appropriate diffusers, grills, and G.I. sheet gauges, ensuring optimal airflow and system integrity.
- Provided critical support to the Commissioning Team during pre-commissioning and commissioning phases of all HVAC equipment, ensuring seamless system startup.
- Conducted regular on-site inspections to monitor project progress and ensure adherence to design specifications, with post-installation

ACADEMIC PROFILE

Course	Institution	Mark%	Year of Passing
BTech in Mechanical Engineering (MG University)	GISAT, Kottayam, Kerala	60	2014 - 2018
Higher Secondary (Kerala Board)	Vidhyadiraja Vidhyabhavan, Kottayam, Kerala	72	2012 - 2014
Secondary (Kerala Board)	THSS IHRD, Puthupally, Kottayam, Kerala	80	2012

DECLARATION

I confirm that the information provided above is accurate and I take full responsibility for its correctness.

Place: Bengaluru

Abhijith P Sabu