

CURRICULUM VITAE



JAIGANESH K



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A performance driven professional passionate about Building services Engineering in aspects of Sustainability & systems Commissioning, supporting and helping the organization to achieve Sustainable goals

Work Experience:

Jan 2013 – Dec 2013

Graduate Apprentice, Aquasub Engineering., Coimbatore

Board of Apprenticeship training (Under Ministry of Human Resource development, Govt of India)

Dec 2015 – May 2016

Quality Inspector, Vishnu Automation. Coimbatore

Prominent & Leading Manufacturer Castings, CNC Work and CNC Work Services

Aug 2016 – Oct 2017

Conserve Green building and MEP Solutions LLP., Chennai

Junior Engineer

- **MEP design support**
- **Providing specifications for project**
- **Performing Design Calculation such as Cooling Load calculation, Ventilation Calculation , ESP calculation, Pump head calculation etc.,**
- **Preparation of Bill of Quantities.**
- **Analyzing & extracting the information from the Shop / As built drawings.**
- **Green Building documentation**

Oct 2017- Oct 2019

Conserve Green building and MEP Solutions WLL., Qatar

Sustainability Engineer

- Implement and monitor all the GSAS & LEED related activities during the design and Construction stage.
- Review and approve Material submittals with respect to GSAS, LEED compliance.
- Gather, Compile and generate all the GSAS & LEED documentations required during the Construction stage from all the parties involved for the final submissions.
- Coordinate with the relevant project member's / Sub contractors to ensure full implementation and compliance with the sustainability & credit requirements.
- Recommending changes in the design drawings and specifications to the projects design teams to ensure compliance with criteria requirements
- Field experience working with HVAC, Building Automation Systems, TAB team
- Generate Monthly / Quarterly reports as required by the Consultants.
- Attending Progress meetings, Subcon meetings as required.
- Conduct Site walks to ensure compliance with Environmental activity plans like Construction Waste Management, Noise and Air quality measurements, Soil & Erosion prevention etc.,
- Prepared and submitted plans like GSAS Action plan, Construction Environmental Management plan (CEMP) and Construction management plan (CMP).
- Facilitating Site Inspection Audits in liaison with certification body authorities
- Commissioning in line with the Green building requirements.

Key Projects handled:

- 4 star - Al Bayt stadium (FIFA 2022, Al Khor) , HBK Holdings Headquarters (Lusail City) , The Hamad Hospital & White Palace Underground Metro Stations (Green line phase) , Al Riffa Elevated Metro Station (Green line phase)
- 3 star - Doha College (13 buildings)
- 2 star - Doha Red line & Green line Metro Depot, Civil Defense and Preventive Buildings (6 buildings), Qatar Airways Residential Tower (West Bay) – 2 star certifiable documentation
- 1 star - Police College (Feasibility report) , National Health Laboratories (Design review)
- Marbu Contracting Head Office Doha -“Platinum” LEED v3 CS , Tram Depot Fit out (Msheireb Downtown)-“Platinum” LEED v3 CI ,
- Tram Depot Fit out – MEP Design Calculations and Development of Design drawings, Al Bandary & Fox Hills Residential (10 buildings) - ESP and Pump head calculations

Jan 2020 – April 2020

Santrupti Engineers Pvt Ltd., Hyderabad

Senior Project Engineer

Project : Wipro Commercial office Building Towers – IGBC Platinum

- Interact/Work and represent the client and maintain the highest professional standards.
- Provides Engineering and technical support to plan, schedule, coordinate and execute full life cycle commissioning of critical facilities.
- Assist Commissioning in terms of Green Building regulations or requirements
- Witness / Supervise the Contractors works including Installation, Testing, and Commissioning of the MEP systems.
- Conduct field evaluations, develops MEP testing and operating procedures.
- Contractual Communication with the Client / Subcontractors, interprets design and specifications.
- Possessing hands on experience and knowledge of Mechanical systems including Cooling systems (all types) , Water cooled Centrifugal Chiller systems, Cooling towers and associated sub systems (both Water cooled and Air cooled), RH/Temp mapping as per given design
- Vacuum test for VRF units , Hydro testing of CHW & Condenser water pipes, Chiller Flushing & Start up procedures , Smoke Testing of UFAD systems , Air leakage & pressure testing , Ventilation Fans, Ducts installation as per SMACNA standard & preparation of test reports.
- Verifying installation of Fire sprinkler pipes , Hydrant pipes, Smoke Curtain systems as per the drawings.
- Support in commissioning and takeover of new facility with respect to mechanical systems.

Core qualifications:

- Excellent communication skills, both verbal and written.
- Ability to multi-task, prioritize effectively, think independently and problem solve.

Career achievements

- Demonstrated project planning skills
- A track record of having worked on a variety of Building typologies covering Metro stations, Stadiums, Commercial, Education and Residential building projects.

Soft Skills.

- Good report writing skills , Experience of making presentations
- Software proficiency: MS office tools/ AutoCAD / HAP (Hourly Analysis Program) / Duct & Pipe sizer / Revit MEP (Beginner)
- Conversant with Standards ASHRAE 90.1, ASHRAE 62.1 , ASHRAE 52.2 , SMACNA , CIBSE and NBC codes

Professional Certifications:

- IGBC AP (Accredited Professional) - Indian Green Building Council
- GSAS CGP - Global Sustainability Assessment System Certified Green Professional, Design + Build (Version 4.0)
- LEED Green Associate (Credential Id- 11187291)
- Diploma in AutoCAD (2D & 3D) (3 months) / HVAC Designing and Drafting (6 months)

Education :

2012

Bachelor of Mechanical Engineering , CGPA 7.32

St.Xaviers Catholic College of Engineering, Kanyakumari, India

References:

- Mr. Girivina Arunagiri
Sustainability Specialist at Conserve Green Building & MEP Solutions WLL; Email: girivina@gmail.com
- Mr. Venkatesh Kandan
Senior Engineer- Conserve Consultants Private Limited ; Email: venkatesh.kandan@gmail.com