

MOHAMED FAHIM SULTHAN S

Mechanical Engineer

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Dubai, UAE.



CAREER OBJECTIVE

To obtain a job as Mechanical Engineer in a challenging environment and utilize my skills that supports an organization growth.

PROFILE

- Mechanical engineer with 1 year of experience in mechanical system for the detailed design & execution of HVAC system.
- Possess in depth knowledge of proposal and planning, detailed HVAC design as per ASHRAE CODES, HVAC load calculation, ventilation calculation, ducting and piping layout, creating drawings, issuing BOQ, site supervision, Quantity surveying, Billing & verification, coordination & field engineering.

PROFESSIONAL EXPERIENCE

POOJA AIRCONS LLP (DAIKIN Dealer)- Chennai,India.

Worked as a HVAC Engineer from 5th June 2017 to 16th March 2018 (10 months)

PROJECTS:

1. Engineering and technical assistance in procurement, Designing of approx. **100 tons of Refrigeration Capacity** consisting of VRV Units with Ducted, Air Handling Units, Fan Coil Units - **PMI engineering Exports Pvt.Ltd, Chennai, India.**
2. Engineering and technical assistance in procurement, Designing of approx. **32 tons of Refrigeration Capacity** consisting of VRV Units with Ceiling mounted ducted units, Ceiling mounted cassette units, wall mounted split units, - **Sundaramoorthy Residency Ranipet, India.**
3. Engineering and technical assistance in procurement, Designing of approx. **76 tons of Refrigeration Capacity** consisting of VRV Units with Ceiling mounted ducted units, Ceiling mounted cassette units, Wall mounted split units - **Bajaj Finance, Raheja towers, Chennai.**
4. Engineering and technical assistance in procurement, Designing of approx. **120 tons of Refrigeration Capacity** consisting of VRV Units with Duct routed, Air Handling Units, Fan coil units- **PMI Global Solutions, Chennai, India.**

Role:

- Preparation of data sheets, specification and material requisition for HVAC system such as VRV, AHU, package units, ducts, Pumps, Valves, Exhaust fans, etc.
- Review and provide HVAC input to Electrical, Civil and instrumentation department for coordination.
- Designing Site in initial period and change the design of duct root way as per customer requirements.
- Review vendor drawings, reply to Vendor queries, follow up with Vendors etc.

- Planning -2 Weeks Look Ahead. 2 months (Material/ Engineering) such as Propose and update “recovery schedule” (if required), reporting on performance against planned to calculate the earned value on weekly basis, finalize upcoming activities & identify forthcoming missing requirements (Manpower, Material, Design). Report performance deviations in On site performance against planned performance.
- Site Supervision - Quantify all tasks & set duration depending on productivity requirement as per planning. Quantity surveying, Billing & verification.
- Inspecting site progress for work produced by contractor & Sub-contractor and initiate RFI with QC and inspect with client QC for all erection works as per client approved ITP (Inspection & test plan). Overseeing quality control (QC) and safety procedures at site.
- Preparing Test packages for hydro test of pipe works.

INTERNSHIP

Plant Operator Trainee from January 3rd 2017 to 13th May 2017(4 months) **At Valuthur Gas Power Station, Ramnad,India.**

ROLE:

- ✓ Study of Gas Turbines, Boiler, Pumps, Heat Exchangers, Plant safety.
- ✓ Monitoring and Operation of Water Treatment Pumps, Firefighting Pumps
- ✓ Periodical inspections of Pumps, Check valves, Gate valves, Safety valves, pipe lines, Sumps.
- ✓ Reporting Pressure readings and weekly records to Assistant Plant Engineer.

AREA OF INTEREST

HVAC, Fire fighting, Manufacturing.

ACADEMIC QUALIFICATION

BACHELOR DEGREE:

B.Tech in Mechanical Engineering – June 2017
B.S. Abdur Rahman University, Chennai

DIPLOMA:

Diploma in Mechanical Engineering (DME)- April 2014
Mohamed Sathak Polytechnic College, Kilakarai (DOTE)

TECHNICAL SKILLS

SOFTWARE (mech)	: AutoCAD, HAP , McQUAY Duct Sizer, Creo, ANSYS and UG NX CAD 8.0.
UTILITY SOFTWARE	: Microsoft office(word, excel and PowerPoint), Moviemaker and Adobe Photoshop 7.0

ACHIEVEMENTS

- ✓ ISHRAE Student membership certificate (2016-17) Membership No:S16018824
- ✓ Certificate of Achievement in Automobile Engineering by CIICP
- ✓ English language assessment test certificate by Cambridge University

ACADEMIC PROJECTS

- ✓ Strength Improvement on TIG dressed Mild Steel
- ✓ Design and Fabrication of Pneumatic Backhoe
- ✓ Design and Fabrication of Auto Cradle

STRENGTH

- ✓ Bi lingual English, Tamil,
- ✓ Dedication to work,
- ✓ Highly communicative and interpersonal skills.

PERSONAL INFORMATION

Father's Name	:	Shahul Hameed S
Nationality	:	Indian
Date of Birth	:	06/04/1995
Marital Status	:	Single
Permanent Address	:	11/47,Athiyilai Street,Kilakarai,Ramnad-623517
Passport No.	:	R6336133
Visa Status	:	Visit Visa

I hereby declare that above mentioned information is correct and best to my knowledge.

Yours Sincerely,
(MOHAMED FAHIM SULTHAN S)