



MOHAMMAD AFLAH J

Versatile, high-energy professional to work in a team environment to design and develop **Building construction projects** successful in achieving business growth objectives within turnaround & rapidly changing environment; targeting senior-level assignment in **Mechanical Engineering** with an organization of repute, preferably in UAE.

✉ mohd.aflah3@gmail.com

📞 +971528892603



Key Skills

Design & Site Supervision



MEP Coordination



Technical support & Application



Solar Design & Installation



HVAC, HSE & Fire Fighting



Testing & Commissioning



Safety Measures



Quality Assurance & Quality Control



Team Building & Leadership

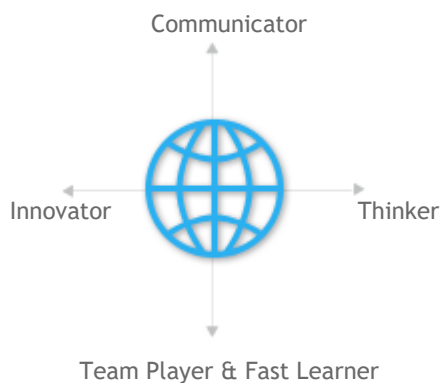


Profile Summary

- ▶ A Multi-faceted professional with **5 years** of experience in **Building construction (MEP)**.
- ▶ Key Experience in **Project Engineering, Design & Site Supervision, Installation, Testing & Commissioning**.
- ▶ Worked in UAE as following positions **Senior Technical Support Engineer, Technical Coordinator, Junior Mechanical Engineer**.
- ▶ Worked in projects of Commercial, Residential towers, Infrastructural, Villas, Hospitals, Hotels etc.
- ▶ Experienced in managing complete project operations entailing resource utilization, procurement, manpower management, design and application, technical support, performance estimation, and so on.
- ▶ Hands-on experience in Designing, Installation, Supervising services and Commissioning of Systems.
- ▶ Steered the creation of conceptual & schematic designs including plans/layout and interfaced with clients for approval of the same
- ▶ Possess sound knowledge of **AutoCAD, Solid Works, MS Office, PRO-E, and Excel**.
- ▶ Familiar With **HVAC, Water supply, Solar Hot Water System, Firefighting, Fabrication** and so on.
- ▶ Interface with clients, Reviewing **technical submittals**, perform technical studies of feasibility reports and perform load calculations, energy simulation and equipment selections.



Skills



Career Timeline

Synergy Vector
Electromechanical Works L.L.C,
Dubai, UAE as Senior Technical
Support Engineer

Feb'16-Dec'17

Kerala Automobiles
Ltd, India as Junior
Mechanical Engineer

Nov'12 -Mar'14

April'14-Jan'16

DULSCO Dubai, UAE as
Technical Coordinator



Education

B.E. Mechanical Engineering from PET, Anna University, Tamil Nadu in 2012.
12th from Sabarigiri HSS Kerala in 2006



**Key Result Areas:**

- Performing activities such as regulating projects using engineering principles & techniques, liaising with Consultant, Client & Sub-contractors, arranging manpower, Safety features ,material, tools & machinery as per project requirement, and so on
- Provide direction and technical training to teams in design, development and system integration and served as a technical mentor
- Scheduled projects and managed resources
- Keeping a track record of Material submittals and fulfilling site/stock requisition
- Negotiating with the suppliers, administering drafting and engineering design staff and rendering technical support to other staff as necessary
- Performing Site work inspections, Material inspections and get it approved by consultant.
- Implementing and following all required safety measures in work site.
- Interacting & coordinating with site staff to complete the project as per target program & in budgeted cost to ensure smooth running of projects
- Made presentations on project status, presented monthly and annual reports to senior management
- Directing material labor output and utilization of site resources, assuring safety & quality as per the company standards
- Planning, estimating, tracking & implementing project plans within budgets and deadlines
- Managing process of development from designing, validation of design, trials production to design output
- Monitoring product quality & impact of design modifications on product features while emphasizing on cost reduction during detailed engineering
- Understanding client requirements and recommending design modifications based on client requirements and implementing the same

Highlights:

- Hands-on in Hot Water Solution Installation & Design (Thermosiphon, Forced Circulation, Calorifiers, Boilers, Heat Pumps)
- Hands -on in Equipment selection of Hot water systems (Fully drain back systems, Thermo siphon systems, Solar with Boiler back up ,solar with heat pump back up, solar with electric element backup)
- Experienced in civil & electrical work as well as in HVAC , Water Supply, Solar, Fire Fighting and so on
- Expertise in Solar from Design, Installation, Testing & Commissioning, Operation and Maintenance activities
- Exposure in preparing process, layout & Shop drawings, Material Submittals, specifications, decision of controls, selection of hydraulic components by managing a team size
- Achieved cost reduction and material reduction in Previous projects
- Ensured standardization of system and module

Key Projects:

- Damac- Akoya Oxygen (1800 Villas) Dubai, UAE
- Fujairah National Construction- (G+4+R) Dubai, UAE
- Al Shirawi Electrical and Mechanical- (G+4+R) Dubai, UAE
- Tiger Construction- (G+4+R) Dubai, UAE
- Mediclinic Hospitals- Dubai, UAE
- FIFA Medical Centre of Excellence, Dubai, UAE

**Key Result Areas:**

- Reviewed Shop Drawings of MEP Systems, recommended solutions for improvement, liaised with commissioning team and contractor to solve the installation, operational and design problems
- Supervised MEP Systems with building automation systems and troubleshoot operational problems
- Understood expectation of the client before deployment and conducted predeployment site inspection and submitted necessary reports
- Prepared & maintained detailed and accurate project records including data, documentation and progress reports
- Formulated & presented system details and balancing reports to consultant for final witness & approval

Highlights:

- Experienced in MEP systems by working on different projects in UAE
- Familiar with resource management such as materials, tools, equipments and manpower
- Familiar in briefing and coordinating with CNC and lathe technicians to ensure best output
- Familiar with safety features implemented in different site locations and got several safety trainings

Key Projects:

- Halliburton, Dubai, UAE
- Legnano Techno Electric, Dubai, UAE
- Nestle, Dubai, UAE
- Alumco, Dubai, UAE
- Aggreko, Dubai, UAE
- Concordia, Dubai, UAE
- Edrafor, Dubai, UAE
- World Trade Center, Dubai, UAE
- Al Shirawi Facilities Management, Dubai, UAE
- Aujan Industries, UAE

November'2012- March'2014 with Kerala Automobiles, India as Junior Mechanical Engineer



Key Result Areas

- Conducted inspections, supervised and inspected the installation of mechanical systems
- Managed operations relationship with distributed network of suppliers
- Preparing reports for submitting with higher authorities
- Maintained mechanical systems of vehicles on a regular basis
- Investigated mechanical failures or unexpected maintenance problems



Technical Skills



Personal Details

Date of Birth: 1st June 1989

Languages Known: English, Arabic, Hindi, Malayalam & Tamil

Nationality: Indian

Marital Status: Married

Driving License: Valid UAE Driving License

Visa Status: Visit Visa