

# Akbar Ali. Z

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## Professional Summary

Experienced HVAC Engineer with overall 7+ years of vast and diversified experience in Mechanical Engineering Projects. Skilled at planning and scheduling works and efficiently organizing the site in order to meet the client deadlines. Developed with reviewing mechanical site problems and recommending solutions and actions. Skilled at facility management, duct & pipe design, heat load calculation, pump head calculation, and ESP calculation. Proficient at bill preparation for clients and sub-contractors and following up for payments with clients. Specialized in testing and commissioning of equipment and report preparation. Proven history of successful execution in complex, multi-faceted, highly competitive environments. Looking forward to leveraging my strong creative thinking, technical support, client requirements, and collaboration skills to exceed organizational goals.

## Skills & Core Competencies

Strategic Leadership  
Time Management  
Task Management  
Creative Thinking  
Critical Thinking  
Collaboration  
Conflict Resolution

Construction Management  
Project Management  
Engineering Management  
Site Management  
HVAC Engineering  
Preventive Maintenance  
Continuous Improvement

Client Relationship Management  
Testing & Commissioning  
Building Management System  
Strategic Planning  
Construction Safety  
Site Planning & Execution  
Facility Management

## Key Projects handled

- Kuwait Oil Company (KOC) – Kuwait | SMR – Chennai | Spar Hypermarket & Decathlon – Bengaluru | Citius Tech Healthcare Technology Private Ltd – Bengaluru.
- State Bank of India (Data centre) – Hyderabad.
- TRIL (TATA Reality and Infrastructure Limited) Residential and commercial project – Chennai.
- Citadines Hotel Apartment Project – Chennai | Danfoss Industrial project - Chennai.
- HCL Commercial Building Project - Chennai.

## Professional Experience

**Fawaz Trading & Engineering Services Co. W.L.L**

**[Apr 2019 – Apr 2021]**

**HVAC Engineer | Project: Kuwait Oil Company (KOC) – Kuwait**

- Collaborated with ensuring safety and quality in work | Coordinated with preparing estimate for the approved drawings | Experience in facility maintenance & duct design.
- Spearheaded with preparing the work schedule as per client priority.
- Ensured sufficient materials and manpower is available at site as per work schedule.
- Facilitated with inspecting the received materials to ensure the quality.
- Reviewed and inspecting the installation of mechanical works as per client standards.

**Pentagon Elmech Solutions (South) Pvt Ltd**  
**Handled 4 projects during the period [Oct 2017 – Apr 2019]**

**[Oct 2017 – Apr 2019]**

**Project 1: SMR - Chennai**  
**Project Engineer**

**[Jan 2019 – Mar 2019]**

- Corresponded with reviewing mechanical site problems and recommending solutions and actions | Outperformed testing and commissioning of equipment and report preparation.
- Facilitated with preparation of handing over documents | Formulated with site handing over by closing punch points to clients.
- Coordinated with design team for preparing as built drawings.

**Project 2: Spar Hypermarket & Decathlon – Bengaluru**  
**Project Engineer**

**[Nov 2018 – Dec 2018]**

- Corresponded with inspecting the installation of HVAC equipment is as per standards.
- Testing and commissioning of equipment and preparing commissioning reports.
- Coordinated with design team to prepare as built drawings.
- Spearheaded with handing over the site by closing the snag points given by client.

**Project 3: Citius Tech Healthcare Technology Pvt Ltd**  
**Project Engineer | Bengaluru**

**[Aug 2018 – Oct 2018]**

- Corresponded with preparing indent for material ordering as per approved.
- Facilitated with inspecting the installation of HVAC equipment is as per standards.
- Formulated with preparing bill and getting approval from client.

**Project 4: State Bank of India (Data centre) – Hyderabad**  
**Project Engineer**

**[Oct 2017 – Jul 2018]**

- Prepared work schedules to meet client requirements.
- Ensured that the installation of pipes, ducts and insulation as per approved shop drawings.
- Collaborated with inspecting the installation of HVAC equipment is as per standards | Handled over site and closing snag points | Experience in facility maintenance.
- Prepared Final bill | Prepared the work schedule as per client priority.
- Bill preparation for clients and sub-contractors and following up for payments with clients.

**Blue Star Limited – Chennai, India**  
**Handled 4 Projects during the period [Feb 2014 – Sep 2017]**

**[Feb 2014 – Sep 2017]**

**Project 1: TRIL (TATA Reality and Infrastructure Limited)**  
**Project Engineer | Chennai**

**[Jul 2015 – Sep 2017]**

- Corresponded with reviewing the shop drawing was as per site condition | Facilitated with preparing the work schedule as per client priority | Experience in facility maintenance.
- Ensured sufficient materials and manpower is available at site as per work schedule.
- Developed with preparing handing over documents as per client's requirements.
- Coordinated with design team to prepare as built drawings.

**Project 2: Citadines Hotel Apartment Project – Chennai**  
**Quality Engineer (HVAC)**

**[Nov 2014 – Jun 2015]**

- Inspected the quality of received materials was as per technical data sheet.
- Prepared IMIR for materials and getting sign-off from client Inspecting the quality of installation work and preparing quality report.

**Project 3: Danfoss Industrial project – Chennai**  
**Site Engineer (HVAC)**

**[May 2014 – Oct 2014]**

- Corresponded with monitoring site activities to ensure installation work is carried out as per shop drawings | Coordinated with other vendors to ensure clearance to carry out the work.
- Certifying the measurements for contractors.

**Project 4: HCL Commercial Building Project – Chennai**  
**Trainee Engineer**

**[Feb 2014 – Apr 2014]**

- Outperformed with ensuring materials are available at site to complete the work.
- Assisted with clients to get site clearance for work.

**Technical Software Skills | Computer Skills**

- AutoCAD | Microsoft Office | Basic knowledge in HAP, duct sizer, pipe sizer softwares.

**Education**

- Bachelors of Engineering [Mechanical Engineering] from Jeppiaar Engineering College, Completed in the year [2009 – 2013] – Chennai, India.

**Language**

- English, Tamil and Hindi.