

## MIRZA GHAZI ALI BAIG

**Mechanical | HVAC | Electrical**  
**(MEP ENGINEER)**

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### Personal Data

Date of Birth : 17-06-1997

Place of Birth : Hyderabad

Age : 23

Gender : Male

Nationality : Indian

Religion : Islam

Marital Status : Single

Visa Type : Employment Visa

Languages Known

- English (Read, Write, Speak)
- Urdu (Read, Write, Speak)
- Hindi (Read, Write, Speak)
- Arabic (Read, Write)

### CAREER OBJECTIVE

Interested to work in an organization wherein I can Brighten my career to the maximum by using my analytical, technical, inter personal and communication skills to do the tasks in systematic manner and excel in executing the job within the time frame and work for the development of the organization.

### PROFESSIONAL EXPERIENCE

Experienced in designing and site handling of HVAC system, Plumbing, Electrical, Drainage and Water supply system using AutoCAD & Revit. Conducting careful study of design of air conditioning system and provide necessary recommendation and approval computer aided design. Conducting minutes of progress meeting with clients and contractors. Review shop drawings and material submittal by the contractor.

#### Project 1:

- Project: Al Nahda ,(PROPOSAL =G+5P+15T)BUILDING
- Client Name: Khalid Ghurair Al Ojan Al Qubaisi
- Consultant Name: Next Engineering Consultant
- Main Contractor: Al Radeem Contracting
- MEP Contractor: Jessr Electromechanical Works LLC

#### Project 2:

- Project: Al Majaz ,(PROPOSAL =G+5P+15T)BUILDING
- Client Name: Khalid Ghurair Al Ojan Al Qubaisi
- Consultant Name: International Engineering Consultant
- Main Contractor: Al Radeem Contracting
- MEP Contractor: Jessr Electromechanical Works LLC

**Project 3:**

- Project: Proposed (B+G+1) Residential Villa, Pearl Jumerah.
- Client Name: Vijay Harilal Narsinghani.
- Consultant Name: Model Engineering Consultant
- Main Contractor: VAH Contracting
- MEP Contractor: Jessr Electromechanical Works LLC

**Project 4:**

- Project: (G+1+Roof) Residential Villa, Al Barsha South-2nd
- Client Name: Hissa Ahmed Mohammed Ahmed
- Consultant Name: Render Engineering Consultant
- Main Contractor: AIC Contracting
- MEP Contractor: Jessr Electromechanical Works LLC

**Responsibilities:**

- Manage the day to day work of MEP team
- Consider materials, effects and costs, liaise with suppliers, arrange samples and prepare specifications.
- Coordinate with other MEP services
- Supervision of the sites and proper timely completion of the projects  
Perform duties assigned by the Project Manager on timely basis
- Log and post all MEP changes and as-built information on field drawings.
- Responsible for maintenance issues within the facility
- Perform daily checks around the facility
- Responsible for all testing commissioning on site.
- Coordinate with MEP Manager on site for any technical issue and its solution
- Monitoring site progress and quality of Mechanical works and compliance with approved shop drawings and installation schedules.
- Co-ordination with MEP subcontractor both at site level and with subcontractor's engineers.
- To be part of proactive Construction Site Team
- Monitoring and reporting site progress and compliance with specification and drawings.
- Oversee the administration of contacts with vendors for the provision of services and equipment
- Designs all mechanical systems including plumbing, sewage & HVAC.
- Implementing plans and specification according to the plan
- Manage to oversee the work of subcontractors
- Manage the material purchase and utilization of that material on the site
- Meeting the supplier for material purchase

## WORKING ABILITIES

- Linking structural, architectural files in REVIT.
- Modeling HVAC, ELECTRICAL, PLUMBING services for any the project
- Preparing 2-D & 3-D Drawings using REVIT MEP.
- Creation of Central file & local files
- Creation of filters for varies services
- Modeling of electrical cable trays with detailing.
- Clash detection using the interference checking.
- Identifying interference between the different services, and re-routing as per the other services.
- Providing levels BOD,BOP&BOU to the HVAC
- Creating the Duct legends & Pipe legends
- Preparation of Shop Drawings
- Preparation of Schematic Drawings
- Conversion of 3D MEP drawings to 2D CAD drawings
- Bill of Quantities.
- Heat load calculation after building survey using CARRIER and ASHRAE standards by latest software.
- Calculating the Duct Sizing according to the CFM by using Mc Quay Software
- Preparing the Air Distribution System for the complete design.
- Calculating the Pipe Sizing for the chilled water system according to the GPM.
- Preparing the BOQ for the complete project.
- Preparing the Schematic drawing for the project HVAC System Ducting and Chilled Water piping.
- Preparing the Pump Head Calculation for the selection of Pump Head.
- Preparing the Static Pressure Calculation for the selection of AHU Fan capacity.
- Preparing the Shop drawings for Ducting and Chilled water system

### **TECHNICAL SKILL**

- AUTO CAD
- REVIT MEP
- Mc Quay
- Carrier E20
- HAP 4.5
- Capable of Designing & Drafting HVAC Systems, Electrical Systems, Plumbing System for Construction Industry.
- Capable of working under pressure and short deadlines
- Operating Systems: Windows XP, 7, 8, 10.

### **STRENGTHS**

- Able to work independently and effectively to meet deadlines.
  - Able to promptly answer support related e-mail, phone call and other electronic communications.
  - Dedication to work and strive for goals in life.
  - Good team player skills, ability to withstand pressure.
  - Leadership and Decision making capabilities.
  - Flexible to work in different environments.
  - Finely tuned analytical and research skills.
  - Good oral, written communication and presentation skills.
- Well organized and proficient with details.

### **DECLARATION**

I hereby declare that the above is true to the best of my knowledge

**(MIRZA GHAZI ALI BAIG)**