

CURRICULUM VITAE

SUBIN BABU

Bachelors in Mechanical Engineering, 12 Years' Experience.

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CareerObjective:

Looking for a responsible and challenging position in an organization wherein my talent, creativity and technical expertise will significantly contribute to its growth and wellbeing.

Professional History:

12 Year of Mechanical Building services & infrastructure Design & Site supervision experience.

Senior Mechanical Engineer at M/s.HME Consulting Engineers from May 2019 to till date.

Mechanical Engineer at M/s HME Consulting Engineers from May 2014 to May 2019.

Project Engineer at M/s.Zener Steward Electro Mechanical LLC from February 2012 to 2014

M/s CORE International LLC from October 2009 to February 2012.

Detailed Experience

1. HME Consulting Engineers, Dubai.

Senior Mechanical Engineer, 2019 – Till date

During this period with HME Consulting Engineers, I am responsible for

1. Design Experience

- Preparation of Concept, schematic and detailed design drawings for AC, ventilation, water supply, firefighting, drainage, firefighting and LPG services following the relevant codes such as ASRAE, CIBSE, NFPA, International plumbing codes, UAE Fire Life and safety codes and local authority regulations.
- Electrical load estimation for Mechanical equipments and coordination with Architects for MEP openings.
- Coordination with authorities such as Municipality, DEWA, Civil defense, Trakhees for the submission and drawing approvals.
- Review of contractors tenders.
- Preparation of detailed calculations for services.
- Coordinating MEP requirements with architectural and structural engineers.
- Knowledge of specification writing, up to date knowledge of materials and their applications.
- Knowledge of material selections and market latest updates.

- Knowledge of updated authority regulations & relevant standards & codes.
- Monitor project information and document properly.
- Discuss and solve complexities with client representatives, subcontractors and suppliers.
- Review and proposal of value engineering options.
- BOQ preparation and PEER review of projects.
- Contract assessment and reports to client.
- Response to RFIs from site and attending site meetings whenever required.
- Attending meetings with the client prepare and present design solutions at various stages of the project.

Major Projects designed:

- Dubai 2020 EXPO pavilions for Monaco, Kazakhstan, Baden-Wurttemberg and China.
- Rove Hotel G+8 Ras Al khaima.
- G+7 Staff Housing -11nos Buildings and infra-structure with STP, Marjan islands Rak.

2. Site Experience:

- Read and interpret blueprints, technical drawings, specifications and tender documents.
- Attending client progress meetings and technical meetings.
- Confer with engineers and other personnel to implement operating procedures, resolve system malfunctions, and provide technical information.
- Teaming up with other team members like site engineers and inspectors to accomplish targets.
- Supervise the works to ensure conformance with engineering design and performance specifications and assist in work measurements.
- Investigate equipment failures and difficulties to diagnose faulty operation, and make necessary recommendations and design modifications to eliminate machine or system malfunctions.
- Oversee installation, operation, maintenance, and repair to ensure that mechanical system is installed and functioning according to specifications.
- Develop, coordinate, and monitor all aspects of production, including selection of manufacturing methods, fabrication, and operation of product designs.
- Ensure the Contractor's adherence to Construction documents and latest Authorities' regulations.
- Reviewing Contractor's Submissions (shop drawings, Materials, RFI, close out documents, etc.) Liaise with local Authorities.
- Provide all necessary on-site direction after due consultation with the Resident Engineer.
- Monitor contractor's resource allocation.
- Assist in reviewing the process of Variations and Claims.
- Participate in all health and safety issues at site, as required by the Resident Engineer and project Safety Representative.

Projects Supervised:

1. The One Hotel 2B+G+17, Dubai. 2019 – 2021.
Client: The First Group
Main Consultant: ECG Consultants.
2. Exhibition Center at Grand Hyatt Hotel, Dubai. 2020- 2021.
Client: Wasl
Main Consultant: Buro Kling.
3. 95 Villas + Retail Building at Jumerah Golf Estate.2018-2019.
Client: Wasl / Jumeira Golf Estate.
Main consultant: ECG Consultants.

2. HME Consulting Engineers. Dubai

Mechanical Engineer May 2014 to May 2019.

- AC heat load calculations using Hap 5.1 software and selection of equipments such as Chillers, AHUs, FAHUs, Fan coil units, Heat exchangers and pumps.
- Calculation of water demand estimate and sizing of water tank and pump rooms.
- Sizing of roof equipments such as overhead water tanks, centralized water heating systems using solar systems.
- Schematic designs and pipe sizing.
- Preparation of drainage calculations following BS 12056 and municipality regulations.
- Sizing of manholes, sump pits and holding tanks.
- Selection of fire pumps and applicable systems for the project as per UAE FLS.
- Authority submissions for Municipality, Trakhees, District cooling providers, Civil defense and DEWA.

Projects History:

- Inflight catering facility at Muscat International Airport as Project design coordinator.
- 2B+G+17 The one Hotel (4 Star), Business Bay
- G+4 Staff Accommodation, Jebel Ali
- G+11+HC, Nshama Residential, Al Quadra
- 2B+G+M+3 Hotel, Al Rigga
- Luxury Villa, B+G+1 Rak
- 4B+G+42+Sky villa, Amesco tower, JLT
- G+6,13Nos MAG residence apartments DWC
- Union corporative society, Abudabi
- Baghdad university (G+7), Baghdad Iraq
- Lego Land water theme park, Dubai

ServicesDesigned:

Ventilation & AC systems, Chilled Water (district cooling and Chillers), VRF Systems, Water Supply systems – Cold , Hot, Piping's, Pumps , Drainage services, Steam Supply services, Fire Fighting, Compressed Air, Fuel Piping, BMS Services, FM 200 system.

3. Zener steward Electro-Mechanical LLC

Project Engineer, Feb 2012 to May 2014.

During this period I was reporting to the Project Manager and was Responsible for the installation of various MEP services such as HVAC, Chilled Water, Plumbing, Drainage, Firefighting, Fire Alarm, FM 200, and Emergency Lighting& ELV systems, LV Power, RMS and BMS Systems.

Duties and Responsibilities

- Checking the tender documents and BOQ.
- Selection / Procurement of major Equipment
- Material Submission and follow up with the Consultant for the final approval.
- Coordinate with site Engineers and supervisors for the other MEP services.
- Ensuring health and safety as per the site requirements.
- Preparing the documents for ISO 9001.
- To co-ordinate with the Sub Contractors, Main contractor, Architect, Consultant, and Client.
- Coordination of man power and materials.
- Preparation and submission of weekly progress reports.
- Preparation of variations, monthly cost report. Labor planning reports.
- Preparation of close out documents, As built drawings and O&M manuals submission.

Major Projects:

1. Bank Of Tokyo, Dubai
2. Car park extension, Mall of Emirates.
2. AECOM office fit out, Business bay
3. Vox cinemas, City center Fujeirah.
4. Cle Dubai, Restaurant, Dubai

Professional Qualification:

Bachelor Degree In Mechanical Engineering - Mahatma Gandhi University in 2009.

LEED Green Associate Valid till 2021.

Software knowledge:

Carrier HAP 5.1, McQuay duct sizer, McQuay pipe sizer, ASHRAE duct fitting database, Pipe Flow Wizard, AutoCAD, Revit.

Personal Details;

Date of Birth : 05.04.1986
Nationality : Indian
Passport No : T 4020809
Marital Status : Married and one kid.
Driving License: Holding UAE valid license & car.
Visa Status : Resident visa, transferrable.

Declaration

I hereby declare that the above mentioned statements are correct to the best of my Knowledge and belief. I hope that my qualifications and knowledge will be in line with your requirements. If selected, I assure you to my sincere and devoted service.

Place : Dubai

Yours faithfully

Date :

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