

MOHAMMED SABITH. N

Electrical Engineer

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Career Objective

Looking for a challenging career which demands the best of my professional ability in terms of technical and analytical skills and helps me in broadening and enhancing my current skills and knowledge.

Academic Profile

Degree	Name of Institution	University/Board	Year of Passing	Percentage
B.E in Electrical and Electronics Engineering	Marthandam College Of Engineering And Technology	Anna University	2019	7.38

Experience

1. Educadd Learning Solutions Pvt. Ltd., Ernakulam

Electrical CAD Engineer

04/05/2020 –30/09/2021

- Monitor and assist students with software's.
- Evaluate students progress and share those evaluations with them and also help to improve.
- Provide hands on experience on industrial software.
- Designing and drafting of industrial projects for various companies and clients.
- Meeting with clients to discuss their requirements.
- Develop fair drawings from rough drawings.
- Presenting model to clients.

2. Gowritek India Pvt. Ltd, Ernakulam

Junior Design Engineer (Electrical)

21/10/2019-25/04/2020

- Drafting and design of SLD and Electrical MEP drawings of industrial building, commercial building, hospitality sector, shopping mall and colleges using AutoCAD under the supervision of senior electrical engineer.
- Examined installation and observed operations to ensure conformance to design and equipment specifications and provided technical assistance to field personnel.
- Communicate with clients through mails and phone calls to inform the progress of the project.
- Perform calculations of fuse ratings, cable size, circuit breaker ratings and load calculation.

Additional Qualification

1. Completed professional MEP Training in Electrical Drafting and Design

- Lighting and Power Circuit Wiring Diagrams
- Conduit and Control Layout Design
- Total Connected Load and Maximum Demand Calculation
- Load Distribution Schedule and Load Balancing Calculation
- Panel Board Types and Physical Layout
- Calculating the Total Power Requirements
- Switch Gear Types and Selection
- Earthing Types, Cable Selection, Sizing and Calculation
- Short circuit current calculation
- Determining Cable Trays and Trenches
- Transformer and Diesel Generator Types, Protection and Sizing Calculation
- Basics of Power Factor Correction and APFC Panel
- Capacitor Bank Selection and Battery Bank Selection
- Voltage Drop Calculation
- Prepare Layout of Different Types of Lights and Lux Level Calculation
- Preparation of Single Line Diagram

2. Completed Professional MEP Training in Heating, Ventilation, Air Conditioning, Fire Fighting and Plumbing

- Types of AC Systems
- Heat Load Calculations
- Ducting and Piping
- Fans and Pumps
- Bill of Quantity
- Installation and Field Erection Practices
- Sprinkler, Hydrant and Stand Pipe Systems
- Fire Detection and Alarm System
- Supply and Drainage System
- Tanks
- Awareness about ASHRAE, NFPA and UPC standards

Technical Skills

- Programming Languages : Basics of C and C++
- Operating System : Windows 7, 8, 10, Linux and Ubuntu
- Application Software : MS Office
- Electrical software : AutoCAD 2D and Matlab
- Mechanical software : AutoCAD, REVIT MEP, Mcquay Ductsizer

Activities and Interests

- Participated in paper presentations.
- Won third place in inter College football championship.

Personal Profile

Visa Status	: Visit Visa
Permanent Address	: International City Phase 2, Warsan 4, Dubai.
Marital status	: Single
Date of Birth	: 12 August 1997
Nationality	: Indian
Languages Known	: English (read, write, speak) Malayalam (read, write, speak) Tamil (speak) Arabic (read, write) Hindi (read, write)