

## MUHAMMED MIRAS P P

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### Career Objective:

Self-motivated, hardworking, disciplined & committed person searching a good job in a well reputed organization for my career growth. I am interested to learn the updated technologies which will help for myself and my organization

### Academic Details:

- **PG Diploma in MEP** [2020] from ADI Institute of Quality Engineers
- B-Tech in **Mechanical Engineering** [2020] with aggregate of 8.2 from **APJ AbdulKalam Technological University**
- HSC [2016] with aggregate of 80% from KPC HS S, Kannur
- SSLC [2014] with aggregate of 90% from Koodali HSS, Kannur

### Work Experience:

#### CAPITOL ENGINEERING & CONSTRUCTION, ABU DHABI: MECHANICAL ENGINEER, Oct 2020 Present

##### Duties & Responsibilities

- Review and analysis all **MEP drawing** materials, Schedules / programs / Scope of project.
- Designing and drafting of **lighting, single line diagram and other electrical utilities** using AutoCAD
- Preparation of **bills of quantities (BOQ)** and bills of materials (BOM)
- Preparing **load schedules, cable sizing, LUX and voltage drop calculations**
- Designing and calculation of **DB, SMDB and MDB** panel boards
- **Liaise** with the **client** and **other construction professionals**, such as site & project managers and site engineers
- Drafting of **water supply system** and **drainage system** in the building
- Calculation of underground and overhead **water tank capacity** in various high rise buildings
- Determination of size of pipes, various traps in various project
- Preparation of **Heat Load calculations** for Design-Built projects
- Prepare **HVAC Drawings**, understanding the specifications, BOQ & scope of projects Estimation of
- plumbing sanitary and electrical materials as per the drawing and specifications Monitoring of work as
- per specification, local & international standard codes
- Estimate the quantity and cost of materials

##### Major Projects Done

- G+2 Villa Project, Dubai
- G+7 Commercial Complex Project, Abu Dhabi

### Certification and

#### Licenses:

- Advanced **MEP Engineering**

### Skills

- Proficient in **AutoCAD** (2017, 2020), **DIALux**, **PlanSwift 9**, **Carrier HAP**, **McQuay Duct Sizer & Beta**
- Knowledge in **Mechanics and Mechanical System**
- Knowledge in **ELV, BMS, CCTV and Fire Fighting Systems**
- Proficient in **MS Office platforms**-word, Excel, PowerPoint, outlook (2016, 2020)
- Proficient in Adobe Photoshop and Premier Pro (2019, 2020)
- **Project Management**

- **Interpersonal and Communication skills**
- Respond in a timely manner to all avenues
- **Leadership, Planning and Critical thinking skills**
- Ability to work effectively under stress and off schedule operations

#### **Academic Project Details:**

3<sup>rd</sup> Year Project: **Arecanut Dehusking Machine** with a Production rate of 3kg/hr(August2018-March2019)

4<sup>th</sup> Year Project:Performance analysis of a domestic refrigerator **working on aluminium oxide R-134a nano refrigerant**:Team Captain (January2020-June 2020)

#### **Industrial Exposure:**

Internship at:

- KEL:Kerala Electrical & Allied Engg. Co.Ltd
- Rubco Huat Woods Pvt.Ltd,Kannur

#### **Achievements:**

- Obtained **A grade in MEP** Conducted by STED (Scientific and Technical Education Development Council)
- NPTEL-Inspection and Quality Control in Manufacturing **Certified by IIT Roorkee**

#### **Curricular Activities:**

- ISTE VJEC Student chapter treasurer
- Evoke-19 Startup Expo Co-head
- Keeli-18 Team Leader
- Volunteer at NSSVJEC

#### **Personal Details:**

Languages : Fluent in English, Hindi, Tamil, Malayalam and Arabic  
 Hobbies : Volunteering, watching movies, reading world news & travelling  
 Date of Birth : September 10, 1997  
 Nationality : Indian  
 Visa Status : Visit visa/ Available immediately  
 Marital Status : Single  
 Driving License : LMV license  
 Passport Number : V0530374

#### **Reference:**

Er. Nidhin Sulaiman  
 Project Manager, CAPITOL ENGINEERING & CONSTRUCTION  
 (Contact will be provided upon request)

Date: October, 2021

Place: Dubai

  
 (MUHAMMED MIRAS P P)