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| **C U R R I C U L U M V I T A E**  **MECHANICAL ENGINEER**  **M.Tech (INDUSTRIAL ENGINEERING)** | **ARAFATH**  ***Email****:* [*arafath.381029@2freemail.com*](mailto:arafath.381029@2freemail.com) |

***OBJECTIVE***

Seeking a full time position in a well established organization where I can apply my skills to grow professionally,

***SKILLS AND ABILITIES***

Ability to analyze problems/issues logically, learn and use new technologies fast, willing to shoulder challenges and responsibilities, good communication skills, good team player, high tolerance and determinant.

***PERSONAL PROFILE***

**Name:** Arafath

**Age & Date of Birth:**  32 years, 30/05/1985

**Languages:**   English, Arabic, Hindi ,Tamil,Malayalam

**Gender:**   Male

**Marital Status:**  Married

**Nationality:**   Indian

**Place of Birth:**  Kollam, Kerala.

**College of UG Study:**  **Mohammed Sathak Engineering College**

**Kilakkarai,Ramanathapuram,Tamilnadu,In**

**College of PG Study : College of Enginnering, Trivandrum,Kerala ,India**

***EDUCATIONAL PROFILE***

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| |  |  |  |  | | --- | --- | --- | --- | | **Course** | **Board/University** | **Percentage of marks** |  | | Master of Technology  (**Industrial Engineering)** | **Kerala University** | **80** |  | | Bachelor of Engineering (**Mechanical Engineering**) | **Anna University** | **62** |  | | Higher Secondary (12th) | **C.P Higher Secondary School, Kadakkal,Kollam, Kerala** | **68** |  | | SSLC (10th) | **MG HSS,Chadayamangalam, Kollam, Kerala** | **76** |  | |

***EXPERIENCE***

* **Working as Project Engineer at NAFFCO –National Fire fighting Manufacturing FZC Jebel Ali, Dubai.**
* **Worked as Mechanical Engineer Linc Facility Service International MENA (Qatar Airways) at Hamad International Airport(HIA), Qatar (07/05/2015 to 16/04/2016)**
* **Three years worked as Mechanical Engineer Seder Contracting Company, Saudi Arabia (14/12/2012to 16/03/2015)**
* **Four year worked as Mechanical engineer at PatiBel-JV, construction and Maintenance of roads and buildings ,India (03/02/2006 to 16/09/2010)**
* **Two year work as mechanical engineer at K K construction and contracting, Cochin Refinery, Cochin,India(02/10/2010 to 30/11/2012)**

**JOB PROFILE AND RESPONSIBILITES**

* **Working as Project Engineer at NAFFCO –National Fire fighting Manufacturing FZC Jebel Ali, Dubai**

**Position: Project Engineer-Mechanical**

Job Responsibilities

* Coordination and implementation of Piping engineering including pipe stress work.
* Maintaining design integrity and quality within the piping engineering team.
* Promoting health, safety and environmental awareness.
* Quality Assurance
* Responsible for site construction activities related to mechanical engineering.
* Work Scheduling,
* Responsible for contractor handling, site management, billing (BOQ)
* Co ordination for the installation of Fire fighting system at Site.
* Check all activities of Mechanical Construction, testing& Commissioning of Fire fighting teams.
* Manages a successful project execution using in house and external contracted resources from initiation to closeout.
* Proactively ensures compliance with company’s process risk management program

* **Worked as Mechanical Engineer Linc Facility Service International MENA (Qatar Airways) at Hamad International Airport(HIA), Qatar (07/05/2015 to 16/04/2016)**

**Position: Engineer-Mechanical**

Job Responsibilities

* Work involvement is in the field of facility services in Qatar Airports (HIA)
* Coordination with consultant, client, Main Contractor , sub contractors, Arranging and forecasting of manpower, material, tools , machineries as per project requirement, strictly follow up , chase the site staff to complete the project as per target program in budget cost, Responsible for smooth running of projects, track and control on material labor output, utilization of site resources effectively, ensuring safety & quality as per the company standards, Assigning and monitoring task to the site staff, report the progress of work to the PM. Keeping track of As built documents for smooth handover of project. Ensure correct reporting of project status to the top management
* Preparations of quotations, variations, substantiation and running bills of concerned projects. Dry & Wet firefighting systems, HVAC system, Installation of generators, Addressable/Conventional Fire alarm system , and local battery/Central battery emergency lighting system works. Assisting for preparing shop drawings. Assisting in preparing material approval request submittals & obtaining approvals at same time before starting of project
* Construct and Maintain the Waste management System (ENVAC) in Qatar Airports.
* Installation for Fire and Safety assets and Sprinkler rooms.
* Over hauling and maintain the Pumps, Boilers, Compressors, etc
* Demonstrated knowledge and ability to use mechanical hand and power tools for repairs and

or replacement of worn parts including filters for HVAC work.

Skill in recognizing mechanical abnormally and faulty parts within HVAC systems preferred.

* Ensure functioning of safety equipments like Fire Extinguishers, Fire Alarms,

Smoke Detectors etc at all times and report to the concerned.

* Performs maintenance, repair, and replacement of broken parts, such as toilets, faucets,etc.
* Prepare activities at the site, review and close work orders, prepare and issue for daily,

Weekly and monthly reports, analyze measure and evaluate maintenance performance

* Using key performance indicators applying KPI for corrective maintenance, Ensure functioning of safety equipments like Fire Extinguishers, Fire Alarms, Smoke Detectors etc at all times and report to the concerned
* Report any adverse observations immediately
* Ensure timely maintenance of machinery and other equipments.
* **Three years working as Mechanical Engineer Seder Contracting Company, Saudi Arabia (14/12/2012to 16/03/2015)**

**Position: Mechanical Piping Engineer**

**Job Responsibilities**

* Work involvement is in the field of Mechanical Construction of Hospitals and Universities.
* Duties include performing installation, testing and upgrades of HVAC systems.
* Preparations of quotations, variations, substantiation and running bills of concerned projects. Dry & Wet firefighting systems, HVAC system, Installation of generators, Addressable/Conventional Fire alarm system , and local battery/Central battery emergency lighting system works. Assisting for preparing shop drawings. Assisting in preparing material approval request submittals & obtaining approvals at same time before starting of projects.
* Construction and maintenance of Sewage Treatment Plant (STP) and Water Treatment Plant (WTP).
* Demonstrated knowledge and ability to use mechanical hand and power tools for repairs and

or replacement of worn parts including filters for HVAC work.

Skill in recognizing mechanical abnormally and faulty parts within HVAC systems preferred.

* Assists skilled trades workers in the construction, maintenance and repair of a variety

of machinery, equipment, and facility systems and structures.

* Operate and maintain lightweight vehicles and equipment.
* Prepare preventive maintenances plan for All Mechanical Equipment,

following up the major maintenance activities and make a technical reports for it.

* **Four year working as Mechanical engineer at PatiBel-JV, construction and**

**Maintenance of roads and buildings ,India (03/02/2006 to 16/09/2010)**

**Position: Mechanical Engineer**

**Job Responsibilities**

* Responsibilities as shutdown planning engineer, preparation phase, preparing the organization

Chart for shutdown, preparing the shutdown plan activities ms project, preparing required list

for shutdown activities such as, the required scaffoldings per each activities and its dimensions,

Crane if required and prepared its plan, required tools, special tools consumable material,

required spare parts and check the availability in our warehouses.

* Ensure Safety Standards and compliance as per customer standards.
* Maintain the Plant ,Lab and Prepare reports.
* Conduct Risk Assessment, Safety and HSE Audit.
* Inspection and Recording of Major and Minor Injuries
* Educating and Training Employees with respect to Personal Protective Equipments (PPE), Fire Fighting and First Aid
* Conduct MOCK Drill Exercise on safe Evacuation in case of fire and fire fighting training,

* **Two year working as mechanical engineer at K K construction and contracting, Cochin Refinery, Cochin, Kerala (02/10/2010 to 30/11/2012)**

**Position: Mechanical Engineer**

**Job Responsibilities**

* Work involvement is in the Projects of Refineries.
* Maintaining design integrity and quality within the piping engineering team.
* Piping & Erection of HOC dryer and air receiveratUtility Area in Refinery.
* Piping & Erection of Electro Static Precipitator for FCCU.
* Responsible for site construction activities related to mechanical engineering.
* Responsible for contractor handling, site management, drafting as per design, fabrication

and erection as per drawing, to set up work control systems to ensure the quality standards

& work arrangement. In charge for Safety management.

* Ensure Safety Standards and compliance as per customer standards
* Conduct Risk Assessment, Safety and HSE Audit.
* Inspection and Recording of Major and Minor Injuries

***UG SEMINAR***

**Seminar Name:** **Flex Fuel Engine Management System**

***PG SEMINAR***

**Seminar Name: Supply chain Management**

***UG MAIN PROJECT***

**Project Title:** Evaluation, performance improvement and Overhauling of Compressor (**Kochin Refineries Limited, Ambalamugalal, Kochi,kerala**)

***PG MAIN PROJECT***

Improvement of multi stage Supply chain using Genetic Algorithm

**Industrial Certificates**

As a part of study , visits to ***The Kerala Metals and Minerals Ltd*** (Chavara*).,****Hindustan Latex Limited (****Thiruvananthapuram****),*FACT** udyogmandal division kochi,were done. Through these visits, I have the opportunity to observe and understand the many processes involved in the manufacturing and the technical skills of the labors, different types of machineries, material transporting systems , As a part of Industrial training, the training at ***The Kerala Metals and Minerals Ltd*** (Chavara*)* was carried out and successfully completed over a period of 15 days at the Plant.  At the Plant, I have the opportunity to observe the maintenance work, which include the overhauling and checking of mechanical machines like Turbine, Boilers, Compressor, etc

***ACHIEVMENTS***

* Qualified In **GATE 2007**.
* Present a Paper in Inter-National Conference **IMMM2010**
* Present a paper in National conference **NCTT 2009**
* Class Representative.
* Active member of Mechanical Association, Mohammed Sathak Engineering College.
* The key coordinators of **COPEN 2007**, which is a National level Technical Symposium.
* The key coordinators of**NCTT2008**, which is a National level Technical Conference.

***COMPUTER SKILLS***

**Programming Languages:** C & C++.

**Software’s:** DCA, PRIMAVERA, CATIA, SOLID WORKS 09, AutoCAD 09, ORACLE

**Operating Systems:** Microsoft Windows XP