**Jacob**

**FIRE PROTECTION ENGINEER**

**Contact**



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**OBJECTIVE**

To grow along with this versatile motivating company using my skills as well as my interest for the betterment of the society as well as the company.



**EDUCATION**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Degree** |  | **Institute** |  |  | **Board /** |  | **Year** |  | **% marks / CGPA** |
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|  |  |  |  |  |  |  | **University** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Bachelor of Technology in | Federal Institute of |  | Mahatma | 2010-2014 |  |  |  |
| Mechanical Engg. (BTech) | Science and Technology |  |  | Gandhi |  |  |  |  | **7.62** out of **10** |
|  |  |  | [FISAT], Angamaly |  | University |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| XIIth - Higher Secondary | Indian School Fujairah, UAE | Kerala State | 2009-2010 |  | **88.2%** |  |
| Education |  |  |  |  |  | Board |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Xth - Secondary Education | Indian School Fujairah, UAE |  |  | Kerala | 2007-2008 |  | **93.0%** |  |
|  |  |  |  |  |  |  | State Board |  |  |  |  |  |  |
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**STRENGTHS**

1. Overall experience 5 years
2. Dubai Civil defense approved (DCD card holder)
3. Fujairah Civil defense approved engineer
4. NEBOSH safety certified
5. Valid UAE driving license
6. Computer proficiency in AutoCad and MS office
7. Successful completion of various major and minor projects in the UAE



**ADDITIONAL QUALIFICATIONS**

**NEBOSH - INTERNATIONAL GENERAL CERTIFICATE (IGC)**

* High rated qualification in Health, safety and Risk Management
* Controlling work place hazards



**FIRE FIGHTING AND FIRE ALARM DESIGN AND IMPLEMENTATION AS PER NFPA**

* Design of fire protection systems
* Hydraulic calculation for sprinklers
* Selection of equipments according to types of fire

**HVAC (HEATING VENTILATION AND AIR CONDITIONING)**

* Design and implementation
* Selection of equipment
* Duct sizing
* Chilled water system design
* Estimation and BOQ
* Use of softwares like HAP, Duct sizer etc



**WORK EXPERIENCES:**

1. **(2016 - 2019)**

**Designation: Projects Manager / Branch Manager Job Responsibilities:**

* + Responsible for bringing sales
	+ Manage a team of technicians and engineers by assigning them projects and tasks
	+ Analysis of ongoing project strategies
	+ Responsible for projects, AMC, and fitout jobs
	+ Preparation of shop drawings and liaising with clients
	+ Co-ordination with government authorities like Civil defense
	+ Responsible for overall growth of the company
1. **(2014 - 2016)**

**Designation: Projects Engineer - 2014 - 2015 Projects Manager - 2015 - 2016**

**Job Responsibilities:**

* + Estimation and preparation of quotations and bill of quantities as per drawing standards
	+ Creating shop drawings for fire alarm and fire fighting as per UAE life safety code of practice and NFPA
	+ Co-ordianation between work and office
	+ Site management
	+ Attended meetings with clients, contractors and consultants
	+ Maintained good relationship between labourers, management and civil defense
	+ Preparation of technical submittal

SKILLS

* Knowledge of UAE civil defense fire and life safety code of practice
* Knowledge of international standards (NFPA and BS)
* Knowledge of designing and implementation of fire alarm and fire fighting systems

PROJECTS HANDLED:



1. **NATIONAL BANK OF ABUDHABI (NBAD) - FUJAIRAH MALL BRANCH Contractor:** Derby Interiors, Dubai

**Consultant:** World Planners Consultant, Abu Dhabi

**Job role:** Project Engineer

**Job Description:** Handled the design, civil defense shop drawing approval and installtion of fire alarm(Simplex brand) systems, Fire fighting systems (Sprinklers and hose reel) and FM 200 system as per the consultant and UAE code specifications.

1. **WASTE HEAT RECOVERY (WHR) PLANT in Fujairah Cement Industries, Dibba Contractor:** Sinoma Energy Conservation Limited, China

**Consultant:** Energen Infra (Maritius) Limited

**Job role:** Project Engineer

**Description:** Waste heat produced from different stages of cement manufacturing is recovered and re-usedagain so that the electricity is conserved and cost is minimized. This particular plant was protected with fire alarm system addressable type (Firex) and also fire fighting systems.

1. **MULTI-TENANT WAREHOUSE - 5,880 SQ. METERS AREA Contractor:** North Coast Building Contracting, Fujairah **Consultant:** Mozoon Engineering, Fujairah

**Job role:** Project Engineer

**Description:** A large multi-tenant warehouse partitioned equally to ten separate warehouses. Eachwarehouse has a conventional fire alarm system. The complete site was protected with automatic sprinkler system and wet riser system. There is a master panel (addressable type) which is interfaced to all the individual fire alarm control panels.

**INTERNSHIP 1:**

Organization : KHORFAKKAN CONTAINER TERMINAL (GULFTAINER), UAE

Duration : 5 days

Title : MACHINE SHOP, CRANE OPERATION.

**INTERNSHIP 2:**

Organization : KERALA METALS AND MINERALS LIMITED (KMML), CHAVARA (KERALA)

|  |  |  |
| --- | --- | --- |
| Duration | : | 7 days |
| Title | : | TITANIUM POWDER PRODUCTION |
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**SOFTWARE/COMPUTER PROFICIENCY**

* AutoCad
* R-HVAC and C-HVAC
* HAP - Hourly Analysis Program For Air Conditioning
* PC Schematic



* Pro Engineer (CREO) - 3D modeling software
* MS OFFICE



**AWARDS/ ACHIEVEMENTS**

* Valid UAE driving license
* Completed a project on Solar and pedal powered domestic washing machine.
* Participated in Pravega'13 (a national level automobile & IC engine workshop) conducted by Indian Institute of Science, Bangalore.
* Undergone advanced Pro-Engineer (CREO) software training.
* Individual Sports Championship Trophy.



**INTERESTS / HOBBIES**

* Learning new ideas and technologies
* Listening or reading motivational stories of successful people.

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|  | **LANGUAGES** | **Reading** | **Writing** | **Speaking** | **Listening** |
|  | **KNOWN** |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **English** |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **Arabic** |  |  | NO | NO |
|  |  |  |  |  |  |
|  | **Malayalam** |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **Hindi** |  |  | INTERMEDIATE | INTERMEDIATE |
|  |  |  |  |  |  |  |



**PERSONAL DETAILS**

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| --- | --- |
| Overall UAE Experience | : 5 years |
| Date of Birth | : 11 - MAR - 1992 |
| Marital Satus | : Single |
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