

CURRICULUM VITAE

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SUMMARY

- ✓ Total of **7.5 Years** of Experience in Electrical field and out of which **6 Years** of experience as **Lighting Designer**.
- ✓ **5+ years** of Middle East experience in Qatar and Oman as Lighting Design Engineer contributing technical assistance and support to Marketing and sales.
- ✓ Completed **Masters in Engineering** specialized in **Lighting** from Manipal University after completion of Electrical and Electronics Engineering.
- ✓ Good understanding of lighting concepts and very good experience with lighting soft wares and photometry.
- ✓ Looking forward to work in an environment where my knowledge and skills can be fully utilized.
- ✓ Last worked as Lighting Design Engineer in Darwish Group of companies in Doha, Qatar.

WORK EXPERIENCE

- ❖ **November 2016 to Present – *AL-KHALILI GROUP, Muscat, Sultanate of Oman***
(Current Job)

Al Khalili today was known as one of the leaders in infrastructure building in Sultanate of Oman. It has grown as one of the leading multi-faceted infrastructure Company not only in Oman but also in other Region. As tremendous expansion of the Group's different companies occur; there was also a rapid increase in annual turnover in just a decade.

➤ **POSITION – LIGHTING DESIGN ENGINEER**

✚ **RESPONSIBILITIES**

- ✓ Façade lighting design for villas and major ministry projects
- ✓ Design and develop detailed lighting schemes to support sales. This will primarily cover outdoor projects and also may include retail shops, hotels, flood lighting, industrial and commercial interiors.
- ✓ Selection of lighting fixture to match desired lighting level requested by customer.
- ✓ Using Dialux to produce lighting designs that meet industry standards and customer specifications.
- ✓ Develop designs with input from application engineers / sales team / customers during the project.
- ✓ Have to follow up with different projects and make revised designs as per specifications from the corresponding consultants.
- ✓ Projects presentation to end users, consultancies, engineers and architectural offices, municipalities and local governments.
- ✓ Travel to client locations to educate, direct and coordinate design of lit spaces.

MAJOR PROJECTS DONE

- ✓ Marriott Hotel, OCEC Package 4.
- ✓ Jaguar Land Rover Showroom
- ✓ Traffic Institute
- ✓ Royal Hospital
- ✓ Armed Force Hospital
- ✓ Al Mouj expansions
- ✓ Indian School at Ansab
- ✓ Commercial Residential Building at Al Khuwair
- ✓ Dog Kennel – ROYAL OMAN POLICE (ROP).
- ✓ Traffic Headquarters – ROP .
- ✓ Police Station Complex at Haima and SUR
- ✓ Residential Façade lighting projects
- ✓ Special Task Force -Muscat

❖ **August 2014 to August 2016 – *DARWISH TRADING COMPANY, Doha, Qatar*** *(2 Years)*

Darwish Trading Company, W.L.L. (DTC) is the core company of Kassem Darwish Fakhro & Sons, (The Darwish Group) and is one of Qatar's leading group of companies, which has been contributing to and fuelling the nation's progress for more than 80 years.

➤ **POSITION – LIGHTING DESIGN ENGINEER**

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MAJOR PROJECTS DONE

- ✓ Municipality compound building at Al Rayyan for Ministry of Interior, Qatar.
- ✓ Worker's Accommodation for Al Bayt Stadium – Al Khor City
- ✓ Emergency lighting for Doha Sports Club.
- ✓ Additional Licence plate workshop for Qatar Traffic Police.
- ✓ Al Rayyan Stadium player's accommodation block.
- ✓ Temporary container yard for Doha Port.
- ✓ Qatari Diar Headquarters Building.
- ✓ Umm Al Afai Labour Camp.

❖ **July 2013 to April 2014- GREENWICH NEXEN ENERGY SOLUTIONS
PRIVATE LIMITED, Bangalore, India (10 Months)**

As part of completion of my MTech degree project I was doing Mechanical design of LED Well glass, Selection of Optics, selection of diffuser, photometric testing etc. The company is working towards getting the best techno-commercial advantage for its clients by providing total energy solutions, and installing the right mix of energy generation, energy optimization and power management solutions.

➤ **POSITION – LIGHTING DESIGN INTERN**

✚ **RESPONSIBILITIES**

- ✓ Selection of Optics.
- ✓ Photometric testing of Luminaires.
- ✓ Making of IES file for various types of LED luminaires.
- ✓ Mechanical Quality Inspection of LED Luminaries.
- ✓ Lighting Design using Dialux and Autocad.
- ✓ Label and sticker design for Led drivers and fixtures.
- ✓ Quality Inspection of products developed.
- ✓ Supervision and Management of daily works done by production team.

❖ **December 2010 to June 2012 – KAIPPILLY POWER SERVICES , Kerala, India
(1 Year 7 Months)**

Kaippilly Power Services is one of the leading “A” Class Electrical Contractors in Kerala for more than two decades. They have been doing projects involving transformers, generators, bus-ducts, electrical panels etc. The company has a well-equipped manufacturing unit of panel boards & does supply, erection, testing and commissioning of electrical installations for both industrial and commercial establishments

➤ **POSITION – ELECTRICAL ENGINEER**

✚ **RESPONSIBILITIES**

- ✓ Engaged in the field of maintenance of High and Medium voltage installations.
- ✓ Supervision of Electrical works during installation and wiring.
- ✓ Electrical wiring design for Residential Apartments.

ACHEIVEMENTS

- Got qualified in **GATE**
- Completed **PG Diploma course in Industrial Automation** at CEC of Govt Engineering College, Thrissur, Kerala, India
- Has actively participated in the organization of ‘**EPSCICON 2010**’- An International Conference on Electrical Power, Control, signals and computation organized by Dept. of EEE, VAST.
- Worked as volunteer in organizing National workshop on “**Energy Efficient Lighting Solutions**” conducted by SEEM at MIT Manipal.

- Has undergone Industrial Training in Electrical Division, Willingdon Island, **Cochin Port Trust**.
- Has undergone training under the **Infosys Campus Connect Program** from June 2008 to June 2009
- Have successfully completed the project on "Reconnaissance study of potential small hydro power sites in Malappuram district" by **Total Energy Security Mission, Govt. of Kerala**.
- Got ***Distinction*** in International Assessments for Indian Schools conducted by **THE UNIVERSITY OF NEW SOUTH WALES, Australia**.

EDUCATIONAL QUALIFICATION

- ❖ **Master's Degree in Engineering Technology (MTech)** – Specialised in Energy Management, Auditing and Lighting. (2012-2014), **Manipal Institute of Technology**, Manipal University, India, 7.57 CGPA
- ❖ **Bachelor's Degree in Engineering Technology (BTech)** – Electrical and Electronics Engineering. (2006-2010), **University of Calicut**, India, First Class.

PROJECT DONE AS PART OF MTech DEGREE COMPLETION

- ***Design and Development of LED Well Glass.***

SOFTWARE SKILLS

- DiaLUX, Relux, Photoshop
- AUTOCAD, Corel Draw
- MATLAB, PLC, SCADA, Pspice

REFERENCES:

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DECLARATION

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

MUHAMED SHAN. S