**CURRICULLUM VITAE**

**Mohammed Imran**

# **Electrical Engineer**

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**CAREER OBJECTIVE:**

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals.

**PROFESSIONAL SUMMARY:**

Having **6year’s** Professional experience as an Electrical Engineer. Familiar with execution, inspection procedures, drafting, design, standard procedures and other applicable code standards.

**Educational qualification:**

* Bachelor of Engineering (BE) in Electrical & Electronics.

**Work Experience:**

*Mar 2017 to present* **Team Lease Services Private Limited**

**Wardha Solar Private Limited (Adani Green)**

*100MW (33kV/220kV), Madhuvanahalli (India)*

*Senior Electrical Engineer*

* Responsible for Erection of Structures and Modules by coordinating with Civil Team, Structure Team and Contractors.
* Conduct inspection of cable routing for laying HT & LT underground cables by excavating trench as per client approved specifications.
* Monitor and motivate working manpower at site to accomplish the project activities on daily target basis.
* Erection of HT Switch gear panels, SCADA, UPS panels and cable terminations and cable tray fabrication for power and control cables in MCR.
* Responsible for Installation of Combiner Boxes (AC breaker250A), String Inverters (500V AC) and termination of cables in Combiner boxes and Inverters.
* Responsible for erection and installation of all outdoor Electrical HT (630A VCB, 25kA, 33kV) & LT (ACB 3200A, 50kA) panels, Transformer ONAN (33kV, 5MVA).
* Perform detailed energy production modeling calculations, string sizing, and PV array to inverter matching, voltage drop, as well as orientation and inter-row spacing analysis
* Stringing of cables from solar module to inverters and its termination.
* Erection and termination of Non Segregated bus duct (3200A, 1100V, 10m) from each LT panel to transformer (IDT).
* Checking and Certification of measurement/quantity of work executed by contractors and processing the bills.
* Provide necessary earthing (laying below ground) and lightning protection system for module area and respective blocks as per specifications.

*Oct 2016 to Jan 2017***Trion Solar Power**

*3MW Roof Top, Karnataka (India)*

*Project Engineer*

* Erection of Solar rooftop modules along with cable stringing from module to inverter
* Preparation of Bill of Quantity (BOQ)/Bill of Material (BOM) for the electrical system

Equipment and quantification of all the items.

* Manage the manpower involved on installations, delegating the tasks, guiding

and overviewing their operation.

*Jan 2013 to Jun 2016*  **Saudi German JC Eckardt GmbH**

**Retrofit Project, Siemens AG, Saudi Arabia**

*Saline Water Conversion Corporation (SWCC), Al Jubail*

*Electrical Engineer*

* Executed complete electrical erection activities of Phase (2A & 2B) power units having generating capacity of 500 MW from each phase.
* Erection & Commissioning of 100 MW steam turbine-generator set (Siemens) and overall of 1000 MW (Phase 2A: 500 MW, Phase 2B: 500 MW
* Installation of Relay, Marshaling & UPS panels required for DCS up-gradation for Siemens **SPPA - T3000 Control System** along with power & control cable termination at ends. Cable tray fabrication, cable laying and termination of power & control cables as per client specifications.
* Involved with the electrical execution team for completion and termination of switchgears, MCC, Motors, Junction boxes all other Electrical & Instrument panels power cables.
* Erection of switchgear panels for each unit with the transformer rating voltage 14kV at each unit

*Sep 2012 to Dec 2012* **Al Manar Arabian Corporation (Saudi Arabia)**

**MARAFIQ, Al Jubail, Saudi Arabia**

*Industrial Waste Water Treatment Plant (IWTP-8)*

*Electrical Engineer*

* As a Site Electrical Engineer worked in Biological Tank Area and Tertiary treatment area.
* Making materials submittals as per project and submitted to the QC department for approval to commence the work.
* Installation of diffusers, hoppers and Junction boxes.
* Cable laying and termination (Power & Instrumentation).
* Executed electrical & instrumentation works as per Royal Commission Standards.

*Nov 2011 to Feb 2012* **Al Latifia Trading & Contracting (Saudi Arabia)**

**Saudi Aramco, Saudi Arabia**

*Corporate Data Center, Dhahran*

*Electrical Supervisor*

*Aramco’s Corporate Data Center (CDC) is biggest tier-3 data center in Middle East located in Dhahran, Saudi Arabia spread over 6000 sq.mm*

* Conduct cable meggering, cable tray fabrication, cable termination as per Saudi Aramco Engineering Standards (SAES).
* Supervise installation of power outlets, panels (MDB, load centers), fire alarm devices, low current outlet for telephone, CCTV installation along with the control cable laying and termination.

*Feb 2010 to Apr 2011* **Konstelec Engineers Private Limited (India)**

**JSW Steel Works, Bellary**

*Steel Plant Expansion, SMS-II (10 MTPA)*

*Electrical Engineer*

* Hands on site experience in Basic Oxygen Furnace (BOF), Continuous Casting process (CCP) of Steel Melting Shop (SMS).
* Erection and commissioning of LT & HT panels in MCC.
* Cable tray fabrication, cable laying and termination of HT & LT motors, Junction boxes (JB), RIO, PLC panels as per P & ID received from client.
* Installation, commissioning and interfacing of all instruments with PLC such as Load cells, lance oxygen, conveyer system, transmitters and the whole converter system.

**Job Responsibilities**:

* Planning the activity of project by considering the scope of work.
* Believe in the objective for a successful completion of project as an engineer two things are utmost important: first safety and second following standards while work is being carried.
* Coordinating and planning project activities in accordance to issued construction program and as per the instructions of project manager/engineer.
* End to end responsibility of project execution with ability to take complete charge of the project from start to finish, which provides with a tremendous amount of control as well as responsibility
* Witness and monitor electrical work based on client standard as well as engineering standards of NEMA, IEC, NEC, ANSI, ASTM, IEEE, NFPA.
* Following nation’s building code standards as well with respect to the location of the site such as BIS, BS, IER, ARAMCO, SABIC etc.
* Inspecting installation jobs, Design execution as per drawing and making changes according to the site condition called as Red Line Diagram.
* Witness Hi-Pot test, Earth test, winding resistance test, turns ratio test, vector group test for Transformers.
* Knowledge of load calculations, sizing of transformer, generator, UPS and cable selection.
* Weekly meetings with all discipline Engineers and Supervisors involved in the project.
* Coordinate with Electrical Supervisors and Engineers to monitor and close punch list items prior to energization.
* Ensuring implementation of quality control and procedure.
* Making materials submittals as per project and submitted to the QC department for approval to commence the work as per FQP.
* Manage and Review the design phase of project including Technology Selection, Civil and mechanical structures, Electrical Connection, Distribution and Control Systems, Power Conditioning Systems for Photo Voltaic power plant.
* Independent review of solar PV designs, testing/commissioning procedures and QA/QC documentation;
* Ensure work is carried after permit is issued and constantly applying for permits to carry out work with safety.

**SKILLS:**

* Auto CAD (Beginner)
* MEP (Electrical)
* MS Office

# **PERSONAL PROFILE:**

Name : Mohammed Imran

Marital Status    :  Single

Age : 29 Years

Nationality    :  Indian

Address : 7/220, Bhagya Nagar,

Guntakal, Anantapur District,

Andhra Pradesh (India)

Current Location : Mysore, India

Preferred Location : Anywhere as prescribed by the company

Languages Known:  English, Telugu, Hindi & Arabic (Beginner)

Passport No. : J5484719 (valid till Sep 2021)