

**CONTACT DETAILS:**

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**QUALIFICATIONS:**

* **BACHELOR OF ELECTRICAL ENGINEERING** from **JAWAHARLAL**

**NEHRU TECHNOLOGICAL UNIVERSITY – HYDERABAD, INDIA** in APRIL 2007 **WITH A GRADE**

**– 62.27%.**

**SOFTWARE SKILLS:**

* ETAP – Power Systems Studies (Load flow analysis, Short circuit analysis,etc)
* AutoCAD - Drafting
* Dialux,Relux – Lighting Design
* MS Office (Word,Excel,Power Point)

**CORE SKILLS:**

**Electrical & Instrumentation:**

Electrical Power Systems.

**Electrical :**

* Key SINGLE LINE DIAGRAMS
* FEED Engineering
* Switchgear : MCC/PCC/SDB/MDB
* FAT, QA & QC.
* Earthing System design & Calculations as per standard.
* Lighting & Load Calculations as per Standards.
* Underground Power Cable routing & layouts.
* Detailed Electrical Engineering
* Site Engineering
* Installation, Testing & Commissioning.
* Maintenance & Troubleshooting of Electrical issues at site.

**PARAMESHWER**

**Electrical Engineer**

**PROFILE SNAPSHOT**



* A competent, diligent and result oriented professional with 12.2+ years of experience in LV, MV, HV Electrical & Instrumentation

(PLC/SCADA/HMI) in Oil & Gas, Power & Energy,

Infrastructure, Construction projects.

* Proven track record of completion of multiple projects in Design, Planning schedule, Site Engineering, Inspection, Preparation of detailed technical report, RFP, Client approvals, MOM, Installation, Testing & Commissioning and Maintenance as per IEC/IEEE, NEC/NFPA, ANSI codes.

**Professional Experience:**



1. **Electrical Engineer: From May 2019 – August 2019.(Short term)**
2. **Electrical Engineer: From April 2015 – April 2019. Organization: Saudi Arabia.**
3. **Electrical Engineer: From July 2007 – April 2015.**

**Key Projects to Credit:**

* Hyderabad Industrial WTP 100MLD Project – HMDA, INDIA.
* Jizan Gas Expansion Project – M/S SAUDI ARAMCO, KSA.
* Bahrain refinery offshore project – M/S AL MANSOORI, KSA.
* New Housing RO 25000m3/day Plant – M/S SAUDI ARAMCO & M/S NESMA, KSA.
* EPC LNG project – M/S AL HUGAYET,KSA
* Jubail Industrial project – M/S SABIC & M/S NWCC, KSA.
* Bahrain FPSO Project – M/S AL MANSOORI, KSA.
* GIS substation – M/S ABB, KSA.
* IPS rehabilitation project – M/S MODON, KSA.
* Al Multaqaa solid waste management project - OMAN
* RAMKY rise building (GF+42F) –, HYDERABAD, INDIA.
* Madhya Pradesh Industrial WTP 65MLD – Gwalior,INDIA.

**Key Responsibilities:**

* + **Designing:**
* Electrical Designing of LV,MV,HV power systems in Oil & Gas, Power & Energy, Infrastructure Projects include
  + 1. Transformers
    2. RMU, & Relays
    3. MCC/PCC/MDB – BUSBAR/BUS DUCT I/C & O/G
    4. Starters: VFD/Soft Starter/ATS with Electro Mechanical Interlock/Star Delta/DOL.
    5. Power Cable Size & Voltage drop calculations
    6. Generators
    7. Circuit Breakers ACB,VCB,MCCB & MCB



**Instrumentation :**

* Preparation of Control Philosophy of PLC/SCADA.
* Knowledge of Sensors Ultrasonic Level Sensors, pH, D.O., MLSS, Flow meter, Pressure switches etc.
* Analog & Digital Input/Output signals to the PLC/SCADA.
* Control Cable selection & Installation.

**HSE :**

* Compliance with HSE standards
* Safety Officer Work permits and all site works according to HSE standards.
* Hazardous Area classifications as per IEC 60079 and NFPA 70
* Electrical Equipment level of protection as per ZONE 0, 1, 2, Gas groups IIA, IIB, IIC and Temperature class T1 to T6.
* Proper Safety standards for the installation of Equipment at site.

**PROFESSIONAL DEVELOPMENT**

**Training Courses And Workshops:**

* AutoCAD, CAD Pro Technologies, Aug 2008.
* IELTS, Australia, British Council, June 2008.

**Memberships:**

* Engineering grade, Electrical

**Engineering, Membership** Saudi Council of Engineers **valid up to June 2019.**

**PERSONAL INFORMATION**

* Nationality: Indian
* Date of Birth:1st June 1984
* Marital Status: Married
* **Passport: valid up to 24/01/2027**
* **Having Saudi Arabia and India Valid driving license valid up to 22/04/2025.**
* Hobbies and Interests: Sports, watching movies & Presentations.
* **Languages: English, Hindi,Telugu & Arabic (Beginner).**
  + 1. Lighting Design & Calculations
    2. Earthing System Design
    3. PLC/SCADA control Philosophy
    4. KEY SINGLE LINE DIAGRAM.
  + **Detailed Engineering:**
* FEED Engineering.
* Preparation of Detailed Project Technical Report.
* Preparation of RFP with International Standards.
* Preparation of BOQ with Costing & Estimation.
* Power Incoming & Out going Load Requirements & all.
  + **Planning:**
* Preparation of Technical Planning Schedule from Base to End of the project.
* Following up with Contractors & Sub contractors as per Schedule planning & completion.
* RFI from the clients & approvals.

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* + **Site Engineering:**
* Site Engineering of Electrical Equipment which includes
  + 1. Underground Cable Manholes Construction & installation.
    2. Cable Routing & Layouts.
    3. MCC Room & Transformer Room Base Foundations.
    4. All technical Equipment installation works includes all dismantling, excavation, laying etc.
    5. Strictly follow up with Safety Engineer permissions & all.
  + **FAT, QA & QC:**
* Attending FAT (FACTORY ACCEPTANCE TEST) of

Transformers, RMU, MCC/PCC/MDB, PLC/SCADA, Generators, Bus Duct etc., as per design & approvals.

* Material Technical Inspection at site as per design approval and all.
* MAKE & All technical requirements should be meet as per project requirements before installation at the site.
  + **Testing & Commissioning:**
* Testing & commissioning of the Electrical & Instrumentation Equipment at site with prior permissions from departments & all.
* Megger Test for Power Cables at site after installation and Continuity tests for the incoming & out going.
  + **MOM & Technical Writing:**
* MOM with clients and technical writings about the topic discussion & all.
* Electrical & Instrumentation Technical issues written & submitted to the client & contractors.
  + **Drawings:**
* All as built Drawings of the project include SINGLE LINE DIAGRAM, CABLE routing Layouts, General Arrangement drawings and all Electrical Engineering Drawings deliverables.