

Muhammad Jaffar Khalid

- Commissioning Solar PV & AMI



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Karachi, Pakistan

Visa: Visited UAE 14 Aug – 11 Oct

SUMMARY

Passionate renewable energy enthusiast with a strong background in solar technology and sustainable solutions. A track record in designing, implementing, and optimizing solar projects, with efficiency and cost savings. Experienced in solar system troubleshooting and performance analysis. Prime Focus on clean energy initiatives and contribute to renewable energy.

CAREER SKILLS

Time Management
Vendor Management
Problem Solving
Communication and Presentation Skills
Team Work
Research Skills
Customer Service
Electrical Wiring
Problem Solving

Solar PV Design & Installation
Service Work
Testing & Quality Control
Energy Storage
Equipment Procurement
EPC
AMI Commissioning
Grid Integration
Technical Support

Continuous Improvement
Inventory Control
Mechanical Engineering
Outsourcing
Procurement
Analytical skills
Solar Resource Assessment
Troubleshooting
Electrical Engineering

PROFESSIONAL EXPERIENCE

4 yrs. 6 months

JASCO Power

Karachi, Pakistan

Jun 2022 – Aug 2023



Junior Project Engineer

A reputable Pakistani company has been specializing in generators and solar systems sales, installations along with technical services for four decades.

Responsibilities

- Designing of on-grid and off-grid solar PV system for residential and commercial projects up to 100KW and up.
- Team work and coordination for solar project life cycle including site surveys, material procurement, installation.
- Timely completion of sites in the give time. Use of software such as HelioScope and PV Syst.
- Client Dealing including after sales services.
- Technical analysis of electricity bills, ROI of systems, power generation online data.
- Getting root cause of faults on different solar sites after troubleshooting for future improvement.
- Solar PV Commissioning of inverters on mobile application such as Huawei, Solis, Solax, and Fronius.

Adaptive Technologies (Pvt.) Ltd

Karachi, Pakistan

Mar 2022 – Jun 2022



Document Controller

A renowned Pakistani company involved in large solar EPC projects up to 1 MW and up.

Responsibilities

- Prepared solar net metering documents for residential, commercial and industrial tariffs to get approval from electric power Distribution Company such as K.Electric and WAPDA which is similar to DEWA and SEWA.
- Collection of site data such as material used and its quantity including electrical wires, safety equipment, inverters, solar panels.

JSI

Karachi, Pakistan

May 2021 – Dec 2021



Solar Field Monitoring Consultant (Off-Grid)

A renowned international company based in the US working on health care all over Pakistan has provided many solar off-grid projects.

Responsibilities

- Initial visit of solar off-grid sites for feasibility of solar system installation all over the province.
- Coordination with installation vendors for timely project completion.
- Post installation site visit for testing, commission and preparation of reports for further improvement.
- Brief presentation of on-site technical staff for maintenance of solar system and its safety.
- Provided assistance in the preparation of a single-line diagram of the complete system and the labeling of each piece of equipment such as inverters, panels, batteries, distribution box, breakers, and wires.

Cane Technologies (Pvt.) Ltd

Karachi, Pakistan

Aug 2020 – Apr 2021



Site Supervisor

The company is engaged in IT and numerous solar energy residential and commercial projects.

Responsibilities

- Supervise installation team for residential on-grid solar systems

Xiph Technologies (Pvt.) Ltd

Karachi, Pakistan

Aug 2020 – Apr 2021



Technical Manager

A reputable construction and renewable energy company, working more than 15 years in the industry.

Responsibilities

- Maintenance, Troubleshooting and testing of various off-grid solar sites all over Pakistan on emergency basis.
- Material procurement for new site installation
- Provide non-interrupted power supply to computers, printers and scanner
- Testing of battery backup and condition monthly.

EDUCATION

Hamdard University

Mar 2014 – Feb 2018

Bachelors of Energy Engineering (BE)

CERTIFICATIONS

NED University

5-Day Advance Training on L2/L3 Solar PV Competency

NPO Pakistan

Safety & Risk Management at Work Place

REFERENCE

To be furnished upon request.