

MUHAMMAD JUNAID KHALID

Career Objective:

To achieve excellence through hard work in a dynamic, progressing, and challenging environment. Intend to join a well-established organization where my skills and abilities will be flourished and where I can use my experience and education to help the company meet and surpass its goals.

Work Experience:

Organization: Zigron Inc.

Duration: March 2020 – Till Date

Designation: Performance Engineer

- Head offshore engineering services for a US based solar company.
- Perform engineering design for Solar PV Plant to optimize the system.
- Played significant role in system engineering design, design verification and optimization for variety solar projects.
- Used energy estimation tools for energy yield estimation, post processing performance analysis and engineering design optimization.

Organization: CATKIN Engineering Sale & Services (Private) Limited

Duration: September 2014 – March 2020

Designation: Sr. Application Engineer

- Handle responsibilities of providing strong technical input in selecting solar technology.
- Coordinating and meeting with departments for projects under Power Purchase Agreement.
- Delivered presentations of engineering portion of proposal on high level meetings.
- Develop project plans, provide technical support in commissioning and coordinate with other departments for project planning, monitoring, execution, and supplies.
- Responsible for pre-qualifications and enlistments with government departments.
- Responsible to conduct engineering site audits to conduct structural, electrical, and related site information for use in the design of residential solar power system.
- Cost effective engineering design of residential and commercial solar PV hybrid, off grid, on grid and pumping systems.
- Issuance of commensuration letters for importing the equipment to be used in Solar.
- Conduct order support and pre-sale design activities to ensure that customer requirements can be met in accordance with product standards.
- Conduct site inspections to check on work progress and compliance to all specifications.

Organization: IESCO WAPDA

Duration: June 2013 – July 2013

Designation: Trainee Engineer

- Assisted in auditing and conducting failure analysis.
- Assisted in investigation on electrical failures and resolved problems.
- Assisted in optimizing operation, and safety procedures.
- Monitored and inspected plant equipment.

Core Competencies:

- Hands on experience in developing, evaluating, and analysis of solar energy systems.
- In-depth knowledge of Solar power generation systems, application tools, and procedures.
- Proficient in communicating effectively with strong organizational skills.
- Ability to manage and lead a project to successful completion, by effectively utilizing available resources.
- Ability to analyze and solve complex problems and detecting realistic solutions.
- Quick learner and ability to adopt behavior according to environment.

Education:

Degree	Institute	Year
BS (Electrical Engineering)	NUCES FAST Islamabad	2010-2014
FSc. Pre-Engineering	Indus Group of Colleges	2008-2010
Matriculation	IMCB G-10/4 Islamabad	2007-2008

References:

Will be available on request.