



# IZAT AMIR KHAN

## Electrical Engineer

City Daud Khel District Mianwali, Mianwali, 42320, Pakistan

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### Date / Place of birth

28/09/1994, Mianwali

### Nationality

Pakistani

### Skills

Strong Critical Thinking Skills

Fast Learner

Circuit Design

Leadership Skills

Complex Problem Solving

Knowledge of Technical Diagrams

Ability to Work Under Pressure

Decision Making Skills

Microsoft PowerPoint

Microsoft Excel

AutoCAD

Ability to Work in a Team

Matlab

Communication Skills

## Profile

Innovative Electrical Engineer with a proven track record of evaluating electrical systems and applying knowledge of electricity and materials in a beneficial way. Adept in carefully diagnosing and assessing issues, and offering real viable solutions. Skilled in design, prototyping, and testing. Committed to working as a collaborative and positive team member, striving to utilize my knowledge and expertise for optimal engineering results.

## Employment History

### Electrical Engineer, Maple Leaf Cement Factory Mianwali, Mianwali

January 2019 – December 2019

- planning, co-ordination and supervision of technical aspects of Electrical projects..
- Oversaw and planned electrical specifications for new systems.
- Created and implemented test plans.
- Worked to create improvements that optimized production.
- Accurately diagnosed and directed system issues.
- Managed the diagnosis and repair of electrical circuits and wiring.

### Electrical Engineer, Saiftech Engineering Pvt Ltd, Rawalpindi

January 2020 – June 2021

- Collaborated with other engineers to ensure safe production processes.
- Performed preventative maintenance and tested equipment.
- Utilized my knowledge of power and distribution systems, circuit calculations, and instrumentation.
- Routinely used tools such as oscilloscopes, function generators, and LCR meters.
- Worked with other engineers to solve problems and enhance processes.

### Managing Director, Newgenix Solution LLP, Rawalpindi

July 2021 – Present

- Site visits for initial surveys and Quality Assurance
- Project management and estimating teams to drive projects through contract, construction, start process and installation.
- Deals in different kinds of products (e: g Solar Inverters, Panels, Batteries, Street Lights, , Solar Drives).

## Languages

English

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Urdu

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- Produce required structural analysis documentation for the approval of PV solar system.
- Create structural calculations and plans for permit submission.
- Works with sales, design, project management and construction teams to ensure client's needs and internal/external deadlines are met.
- Maintain complicated schedules, develop project timelines, work with other trades and manage people and materials to complete jobs on schedule and within budget guidelines.
- Electrical Design: DC, AC
- Solar Power System Design
- Commissioning and analysis of Solar Power systems

## Education

**Bachelor of Electrical Engineering, Abasyn University Peshawar, Islamabad**

September 2014 – May 2018

**FSC, Abdalian Higher Secondary School Muzaffargarh, Muzaffargarh**

September 2011 – May 2013

**Matric, Nauranga Universal High School Pakki Shah Mardan (Mianwali), Mianwali**

May 2009 – May 2011

## Internships

**Electrical Engineer, Descon Engineering company, Mianwali**

July 2018 – December 2018

- Prepare technical drawings and specifications of electrical systems to ensure that installation and operations conform to standards and customer requirements.
- Analyze energy considerations and apply energy conservation measures in electrical systems without sacrificing reliability or comfort of the facility.
- Conducted testing to ensure the proper functionality of electrical systems.