



SIKANDER ALI KHAN

ELECTRICAL ENGINEER

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 Ajman - UAE

[Linkedin.com/SikanderAliKhan](https://www.linkedin.com/SikanderAliKhan)

Age: 22 Years

Visa status: Visit Visa till (June 2024)

Skills

- MEP
- Circuit Design
- SCADA
- PLC logic design
- Electrical Circuit Analysis
- Cadence Micro Electronics
- PROTEUS
- Dip trace (PCB DESIGN)
- MATLAB
- Power factory
- AUTOCAD 3D DESIGN
- Arduino

Awards & Achievements

- National Electrical Engineering
- National Community Service
- National Robotic Winner
- Karachi Biennale'22 Winner

Experienced **Electrical Engineer** specialized in Power systems. Pakistan Engineering Council-registered and skilled in designing innovative solutions. Strong project management and communication abilities. Seeking challenging role in forward-thinking organization to contribute technical expertise. Passionate about staying at forefront of technological advancements.

Education

- **Bahria University Pakistan** [2019 - 2023]

Graduation in BE - Electrical Engineering

Final Year Project: Road Side Power Generation Using Wind Energy

Experiences

- **Inverex (Solar Company Pakistan)** [Jul-2023 to Mar-2024]
Senior Technical Engineer

Job Description:

- Technical inspection of solar plant.
- Designing, monitoring & interpreting performance of Solar plant sites and ata.
- Daily reporting of teams & making monthly report to ensure the project's completion.
- Training the teams for service inspection and safety precautions.

- **Techrotics Technologies Lab** [Aug-2021 to Jun-2023]
Embedded System Engineer

Job Description:

- Design & development of production
- Testing & maintenance from Computer software and hardware
- Micro-controllers connected calibrating sensors data for the required output and finalize the product
- Technical inspection & quality check as a lead engineer
- Maintain daily project report.

Certifications

- Energy Management System ISO5001:2018
- Implementation & Energy Audit
- EMTP 101
- Energy Management System Implementation & Audit
- Electrical Trade
- Electrical Drawings and Test Equipment
- Energy Management impact on HVAC & Lighting
- National Certificate: Electrical Technology (Electrical trade)
- Operation & Maintenance of Gas Engine Jenbacher 420
- SIMULATE MICROCONTROLLERS RASPBERRY PI & STM32.
- Remote Onboarding for Electrical Circuits on web-application