



# Sabir Ali

## Electrical Engineer

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Bahawalpur, Pakistan

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Determined and ambitious individual with a passion of innovation and problem solving. I possess a good knowledge with practical skills regarding electrical systems and principles, with a keen interest in smart grid, power electronics and control systems. I am a very quick learner with remarkable communication and team work skills. I am excited to bring my technical expertise to a challenging role in the Electrical Engineering field and I am confident that I will be a valuable addition to any organization.

## EDUCATION

### Bachelor of Science - Electrical Engineering Namal University Mianwali

09/2019 - 08/2023

CGPA 3.34

#### Courses

- Smart Grid System
- Power Electronics
- Electric Machines
- VLSI
- Data Structures
- Power Engineering
- Control Systems
- Computer Architecture
- IoT
- OOP

## WORK EXPERIENCE

### Internship Training

#### Lalpir & Pakgen Power Limited

07/2022 - 08/2022

Mehmood Kot, District  
Muzaffargarh, Pakistan.

Power producing facility of gross output of 730MW (365x2) Oil Fired

I have done 2 months internship at Lalpir & PakGen Plant

- Hands on experience with switchgear
- Complete understanding of the powerplant operation

### Internship Training

#### Zimco International Corporation

08/2022 - 09/2022

Hands on practice on MCC and Panel Designing

- Relays and other protection devices

### Research Assistant

#### Namal University Mianwali

10/2019 - 10/2021

Publications in SPIE digital library

- Graphite Metal rechargeable battery

### Assistant to Horticulture Officer

#### Namal University Mianwali

02/2022 - 10/2022

Nursery Formation at Namal

- Maintain the Record and making Progress Reports

### Assistant to Procurement Manager

#### Namal University Mianwali

11/2022 - 08/2023

## SKILLS

Matlab

Proteus

Etap

Simulink

Verilog

C/C++

IOT

RISC V

Canva

## PERSONAL PROJECTS

### Solar Panel Cleaning Robot with Efficiency Monitoring System (FYP) (09/2022 - 08/2023)

- A complete setup for efficiency monitoring of PV panel
- An autonomous robot controlled by application for cleaning.
- Restoring the efficiency back of PV panel

### Graphite Metal Rechargeable battery (11/2019 - 03/2020)

- Publications in SPIE digital library

## ORGANIZATIONS

### IEEE Namal Student Branch (06/2022 - 03/2023)

Human Resource Manager

### Namal Society for Social Impact (10/2019 - 12/2020)

Marketing team + Volunteer Teacher

### Zakat and Usher Committee Khairpur Tamewali (09/2020 - Present)

Volunteer member

## CERTIFICATES

Certificate Name

## LANGUAGES

ENGLISH

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

## INTERESTS

Technology and Innovation

Movies

Cricket

Photography

Travelling