

# Mehlab Zulfiqar

## Electrical Engineer

To secure a challenging Electrical Engineering position that utilizes my technical skills and knowledge while providing opportunities for professional growth. With hands-on internship experience, involvement in various societies, and strong teamwork and communication skills, I am confident in my ability to contribute to the success of a dynamic organization.



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## EDUCATION

### Electrical Engineering Namal University Mianwali

08/2019 - Present

Pakistan

#### Courses

- Basic Circuit Analysis
- Embedded system
- Renewable Energy System
- Digital Signal and Processing
- Digital Image Processing
- Control System
- Introduction to Power Engineering
- Data Base Engineering
- Internet of Things
- Smart Grid System

## WORK EXPERIENCE

### Intern, Power Grid Station Faisalabad Electric Supply Company LTD Water and Power Development Authority

06/2022 - 08/2022

Faisalabad, Pakistan

A power grid station is a facility that transforms high-voltage electricity from power plants into lower voltages that can be used by homes and businesses.

#### Achievements/Tasks

- Assisting with the maintenance and repair of electrical equipment, such as transformers and circuit breakers.
- Participating in safety training and following safety protocols and procedures.
- Collaborating with engineers and technicians to troubleshoot problems and develop solutions for the electrical system.
- Completing assigned tasks and projects under the guidance of supervisors and mentors.
- Learning about the operation of the electrical grid and the principles of power generation, transmission, and distribution.

## SKILLS

- Strong technical knowledge
- MATLAB
- DataBase
- Familiarity with hardware design tools
- Effective Communication skills
- C/C++

## FINAL YEAR PROJECT

### Smart Biofloc Water Management System (10/2022 - 08/2023)

- Our project aims to improve water quality parameters like Temperature, pH and e.t.c in aquaculture farms, increase efficiency and sustainability, and reduce costs for farmers.
- It has the potential to improve the growth and survival rates of fish or shrimp, contribute to the development of innovative technologies, and reduce environmental impact.

## ORGANIZATIONS

### NSSI(Namal Society for Social Impact) Education wing (10/2019 - 09/2022)

Executive Body member

### Namal Environmental Society (10/2019 - 12/2021)

General member

### NSSI(Namal Society for Social Impact) Health wing (05/2021 - 04/2022)

Head of Health Wing

## CERTIFICATES

### PEEF Scholarship (08/2019 - Present)

I am awarded a prestigious scholarship based on academic merit

### Health wing Head (05/2021 - 04/2022)

## LANGUAGES

English

Full Professional Proficiency

Urdu

Full Professional Proficiency

## INTERESTS

Renewable energy technologies

Power systems and distribution

Electronics and circuit design

Internet Of things

Music

Games