



zain2021ee16@gmail.com



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Gulberg 2 Main Market

# ZAIN IRSHAD

## ELECTRICAL ENGINEER

### ABOUT ME

I am a passionate and dedicated Electrical Engineering student with hands-on experience in industrial automation and transformer systems. My internships at PEL and Karachi Automation have strengthened my skills in PLC programming, SCADA integration, and transformer testing and diagnostics. With a strong foundation in technical tools like MATLAB, Python, and PCB designing, I am committed to learning and growing in the field of electrical engineering. I am a quick learner, a team player, and eager to take on challenging projects that contribute to technological advancement.

### EDUCATION

**BS Engineering** 2021 - 2025

University of Engineering and Technology  
Lahore

**Intermediate** 2019 - 2021

Punjab College Mailsi

**Matriculation** 2017 - 2019

Hawks School System Mailsi

### SKILLS

- Pcb designing
- Python
- power system protection
- matlab
- Plc automation
- power electronics

### EXPERIENCE

#### Intern at PEL, Lahore

July 2024 — August 2024

Intern, Distribution Transformers Department – PEL, Lahore

- Assisted in the inspection, testing, and quality control of distribution transformers.
- Gained hands-on experience in transformer manufacturing processes and performance evaluation.
- Learned industry standards for transformer design, efficiency, and fault diagnosis.

#### Intern at Karachi Automation, Lahore

July 2023 — September 2023

Intern, PLC Automation & SCADA – Karachi Automation, Lahore

- Worked on PLC programming, SCADA system integration, and industrial automation.
- Gained experience with Siemens automation systems, including troubleshooting and configuration.
- Learned to design and implement control logic for industrial automation processes.