

# ZEESHAN ASLAM

📍 Karachi, Pakistan

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I am eager to leverage my academic knowledge and hands-on experience gained through internships & jobs to contribute effectively in the field of electrical engineering. With a strong foundation in power systems, renewable energy, and proficiency in relevant software tools, I am seeking a challenging position that will allow me to apply and further enhance my skills in a dynamic professional setting.

## EXPERIENCE

### Electrical Site Engineer

October 2024 - Present

Momentum Energy

1. Understand electrical safety standards and best practices.
2. Learn project management skills, including planning, execution, and monitoring of solar PV projects.
3. Develop effective communication skills, including technical report writing, client interaction, and team collaboration.
4. Understand project timelines, budgets, and quality control measures.

### Trainee Engineer

June 2024 – October 2024

Megateach Solar Pvt Ltd

Skills Development

1. Develop strong electrical engineering fundamentals, including circuit analysis, fault detection, and troubleshooting.

#### 2. Hands on Experience.

### Internship Trainee

Jun 2023 – Aug 2023

TBEA Xinjiang SunOasis Co., Ltd.

#### Skills Developed:

1. Developed a practical understanding of solar energy systems and their components.
2. Acquired hands-on experience in the day-to-day operations and maintenance of a solar power plant.

### Internship Trainee

Jul 2022 – Aug 2022

Multan Electric Power Company Ltd.

#### Skills Developed:

1. Acquired hands-on experience in power distribution and maintenance.
2. Developed an understanding of safety protocols in electrical engineering practices.

## Achievement

Developed an innovative IoT-based multiple parameter system for solar-powered tunnel farming, "Enhancing Crop Yield," which was:

- Selected as one of the top 5 projects out of 350+ submissions in the JAZZ Hackathon across Pakistan.
- Accepted for funding by the National Grassroot ICT Research Initiative (NGIRI).

## EDUCATION

### BS Electrical Engineering

Khawaja Fareed University of Engineering & IT, Pakistan

October 2020 – June 2024 (Current **CGPA 3.30/4**)

### Intermediate Pre-Engineering

Govt Degree College, Lodhran

Jun 2018 – August 2020 (**Marks 904/1100**)

### Matriculation

Govt. High School Gogran, Lodhran

October 2016 – Jun 2018 (**Marks 914/1100**)

## CERTIFICATIONS

- **Electric Industry Operations and Markets**  
Duke University
- **Business Strategy**  
University of Illinois at Urbana-Champaign
- **Intelligent Machining**  
The State University of New York
- **Introduction to Power Electronics**  
University of Colorado Boulder

## Skills

- Project Management
- Solar System Design
- Project Reports
- Problem Solving
- Risk Management
- Electrical System Installation & Maintenance
- Mechanical System Installation & Maintenance
- Civil Works Supervision
- Solar System Commissioning
- Inverter Troubleshooting
- Video Editing
- Social Media Management
- Graphic Design

## Softwares

- Helioscope
- Microsoft Office
- NI Multisim
- Proteus
- Canva
- Filmora

## LANGUAGES

- English
- Urdu