

FAARAN AHMED

Electrical Engineer (Power)



+92 311 5234077



faaran10@gmail.com



<https://www.linkedin.com/in/faaran-ahmed>



I-14, Islamabad, Pakistan

SUMMARY

A highly motivated and goal-oriented **Power Engineer** aimed to create new designs and research ability for new technology. Want to work in a friendly and globally competitive environment where I can contribute my knowledge in electric power engineering and skills in project management.

EXPERIENCE

Assistant Manager **Bestway Cement Limited**

September 2023 - Present

Work Done:

- 22.3MW Solar Power Plant O&M Lead.
- 110MW Solar Plant Procurement, Planning, Coordination & Reporting.
- 9MW Solar Projects Execution.
- Waste Heat Recovery Power Plant (WHRPP).
- Electrical instrumentation & control systems.

Technical Sales Engineer

ADF International pvt. Ltd.

Islamabad

June 2023 - September 2023

Work Done:

- Commissioning, Installation and training of lab equipment.
- Overseeing the day-to-day operations of the sales department.

Engineering Intern

Islamabad Electric Supply Company (IESCO)

Islamabad

July 2022 - August 2022

Work Done:

- 132kV Grid Station Operation.
- % Losses of 11kV Feeder.
- Power Transmission & Distribution.

SKILLS & EXPERTISE

- Solar Power Systems Expert
- Equipment Commissioning and Installation
- Technical Support
- Troubleshooting, Operation and Maintenance
- Grid Station Schematic Diagram Designing
- Power Generation System Feasibility and Calculations
- Knowledge of all electrical power generation, transmission & distribution systems
- Power Systems Analysis
- Operation of electrical machines (Transformers, Motors and Generators)
- PLC Programming (Allen-Bradley PLC)
- Microsoft Office (Word, Excel, PowerPoint, Visio)

SOFTWARES

- PVsyst (Solar Design Software)
- MATLAB
- Power World
- Proteus
- PSIM
- LogixPro & RSLogix500 (PLC Software)

INTERPERSONAL SKILLS

- Customer Relationship Management (CRM)
- Public speaking and presentation skills
- Clear communication skills
- Leadership and Management
- Collaborating and working well together with others
- Socializing skills
- Patience when dealing with others
- Flexibility
- Motivating
- Creativity
- Adaptability

EDUCATION

BACHELORS (2019 – 2023)

Electrical Engineering (Power)
Air University, Islamabad
CGPA: 3.08

INTERMEDIATE (2017 – 2019)

F. Sc (Pre-Engineering)
Army Public College
(EME College Campus, Rawalpindi)
Marks: 868/1100 (A grade)

MATRIC (2015 – 2017)

Sciences
Bahria Foundation school
(Hali Road, Westridge, Rawalpindi)
Marks: 912/1050 (A1 grade)



PROJECTS

- **FYP: Intelligent and Fast Charging for Electric Vehicles**
- 12MW solar projects
- Solar PV System Designing
- Grid Station Designing
- DC Power Supply (using PCB)
- PLC Programming of a bottle filling Industrial Machine
- PID controller designing of a Magnetic Levitation System
- MATLAB-GUI Calculator and signal Processor (using MATLAB software)
- Water Level indicator (hardware)
- Fire Alarm (on Proteus software)
Automatic Street Light



CO-CURRICULAR ACTIVITIES

- 1) **Management Head** of Air University Sports Club
- 2) Captain of local Football team



ADDITIONAL SKILL

★ Graphic Designing

Designing of logos, flyers, social media posts, cards, posters etc.



CERTIFICATION

- **Solar PV System Designing through PVSyst Software**
(By Energy Training and Research Center)
- **GOOGLE's Project Management Certificate**
(By Coursera)
- **Energy and Environment (Dartmouth,UK)**
(By Coursera)
- **Renewable Energy and Green Building Entrepreneurship (Duke University, USA)**
(By Coursera)



PERSONAL DATA

Nationality : Pakistani

Marital Status : Single

Date of Birth : 26 November, 2000

Foreign Countries visited : UAE



HOBBIES AND INTERESTS



Football



Cricket



Gaming



Table Tennis