

## **Hassaan Bakhsh** (Electrical Engineer)

**Home Address:** P#91 Zeenat Town,  
Sargodha road, Faisalabad, Pakistan  
**CNIC Number:** 33102-5077720-7  
**D.O.B:** 30-05-1995

**PEC Number:** Elect/60783  
**Marital Status:** Single  
**Cell:** +92-312-6510890  
**Email:** [hassaanbakhsh@gmail.com](mailto:hassaanbakhsh@gmail.com)



### **OBJECTIVE:**

To utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

### **WORK EXPERIENCE:**

#### **PROFFESIONAL WORK:**

➤ **FATIMA ENGINEERING PVT. LTD. (FEPL) Power Master**

**Project:** [EPC of 3×W20V34DF \(3x10MW\)](#)  
[Wartsila Engines](#)

**Position Held:** [Electrical Site Engineer](#)

**Client:** [Cherat Cement Company Limited](#)

**Status:** [In progress](#)



Fatima Engineering (Pvt) Ltd



Working as **Electrical Site Engineer** on the site of CCCL. My core responsibilities are,

- Installation of MV Switch Gear and their Pressure releasing ducts.
- Installation of Boilers, Radiator, Control, DC and VFD Panels.
- Connection and testing of 24V and 110V DC panels.
- Installation of Weather Station and GPS.
- HT, LV, Control, FO and Ethernet Cables Laying/pulling and termination according to the cables' Schedule and termination lists.
- Erection of Cable Trays/ladders network of whole plant in accordance with Wartsila's Drawings.
- Execution of Earthing layout of whole power plant.
- Pre commissioning of all electrical system and ensuring that they are in accordance with Wartsila's standards
- IR testing of alternators, transformer, MV switchgear bus bars and HT cables.
- Participate in Primary current injection and HI POT test.

➤ **FATIMA ENGINEERING PVT. LTD. (FEPL) Power Master**

**Project:** [EPC of 2×W16V34DF \(2x7.5MW\)](#)

[Wartsila Engines](#)

**Position Held:** [Electrical Trainee Engineer](#)

**Client:** [Interloop Pvt. Limited](#)

**Status:** [Completed](#)



Working as **Electrical Trainee Engineer** on the site of Interloop Pvt Limited. My core responsibilities are

- During the project I perform termination and loop testing of control panels, UNIC and auxiliary panels.
- Supervise Cables Laying (Power, Control, Fiber Optics and Ethernet), installation of MV Panels Air Ducts, Cable Tray, Weather Station, Water Dosing Module, Gas Compressor or DC Panel.
- Grounding of Alternator, Control Panels, Transformer, Fuel Treatment Module, Gas Compressor and Fuel Storage Tank.
- Also work on testing and calibration of Fuel Storage Tanks Level Sensors and Temperature Sensors.
- Participated in VFD IP address configuration, Insulation Resistance (IR) Test of Transformer, LV Panel Bus bar, MV and LV cables.

**TRAINING:**

➤ **FATIMA ENGINEERING PVT. LTD. (FEPL) Power Master**

**Project:** [EPC of 2×W9L32 \(2x4MW\) and 1×W6L32 \(3MW\) Wartsila Engines](#)

**Position Held:** [Electrical Interne Engineer](#)

**Client:** [Tariq Glass Industries Ltd. Sheikhupura](#)

**Status:** [Completed](#)



A 5 weeks internship in Tariq Glass industry sheikhupura. During my internship period I learned following,

- Documentation of project.
- Cables laying.
- Cable termination of control panels.
- Grounding of whole power plant building.

**TECHNICAL EDUCATION:**

**Sharif College of Engineering and Technology**      B.Sc. Electrical Engineering      **2012-2016**

CGPA 2.954

**Final Year Project:**      Smart Meter with Load Limiting

This project is designed for the management of Electric supply and to overcome the Load shading by applying Load limiting. Smart meter is capable to limit the electric load of consumer and force him to reduce his electricity demand during peak hours by turning off unnecessary equipment. It also

motivates them to use energy efficient equipment. It is capable to receive instructions from Power Supply Company using GSM, upload the current status (reading, current load) to the server and capable to terminate and limit the power supply of consumer. Overall this smart meter is very useful for developing countries where Load Shading is main issue.

### **ACADAMIC EDUCATION:**

Govt. College University, Faisalabad	Intermediate (Pre-Engineering)	2010-2012
THE EDUCATORS Lasani Campus Faisalabad	Matriculation (Science)	2008-2010

### **COMPUTER AND SOFTWARE SKILLS:**

- MS Word
- AutoCAD
- MS Project
- MS Power Point
- Proteus
- MS Excel
- Matlab

### **KEY PROFILE SKILLS:**

- Presentation Skills
- Analytical Skills
- Programming
- Team Work
- Leadership Skills

### **LINGUISTIC ABILITIES:**

- English (Good in Writing and Speaking)
- Urdu (Native)
- Punjabi (Mother Tongue)

### **ACHIEVEMENTS:**

- FYP selected for the SATHA (South Asia Triple Helix Association) Innovation Award.
- Abstract on “Smart Meter with Load Limiting” accepted at international level.
- Industrial Liaison Leader IEEE SCET

### **HOBBIES:**

- Book Reading
- Playing Chess
- Cricket
- Internet Browsing
- Badminton

### **REFERENCE:**

Reference will be furnished upon request.