

Muhammad Ahmad

Electrical Engineer

PEC Registration No. ELEC/61943

OBJECTIVE:

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A Graduated Electrical Engineering student at U.E.T Lahore, Seeking for a challenging position in a professional Organization where I can enhance my skills and strengthen them in conjunction with Organization's goals

EDUCATION:

B.Sc. Electrical Engineering : University of Engineering & Technology, Lahore	CGPA 3.15/4.0	2013-2017
F.Sc. Pre-Engineering : Government College University, Lahore(Lahore board)	Percentage 89%	2011-2013
Matriculation : Ch. Rehmat Ali Memorial Trust high School, Lahore(Lahore Board)	Percentage 94%	2009-2011

PROFESSIONAL EXPERIENCE:

Trade Tacts International:

Nestle Sheikhpura:

August 2017 – December 2017

- ✓ Worked on Plant Installation of PET Bottle Aseptic Line Project at **Nestle Sheikhpura** (24000Bottles/hr)
- ✓ Worked with **Krones AG** and **Nestle's** team for Plant Installation as a **Trainee Engineer**
- ✓ Supervised **Offloading** and responsible for all the movement of pallets from Yard to PET hall.
- ✓ **Installed** Machines and **executed** all the work in accordance with **Krones AG** and customer safety norms and established corporate procedures.
- ✓ Supervised of Instrument Installation, Instrument's cable laying mainly involved in dry part.
- ✓ Executed **earthling** of all mesh trays and executed Troubleshooting , Inspecting and identifying issues.
- ✓ Performed and Verified **tests** like Isolation, Earth Resistance, loop impedance, **Ethernet**.
- ✓ Provide **Technical Support** and **Safety support** like Electrical permits, general permits etc
- ✓ Participated in execution of **preventive maintenance** activities.
- ✓ Participated in the installation of relevant **retrofits/upgrade kits**.
- ✓ Knowledge of commissioning and problems related to power up and installation of Plant
- ✓ Prepared **Technical Reports** of **krones AG** on complete installations.

Coca-Cola FSBD M-3 Industrial State:

January 2018 - Present

- ✓ Worked on Plant Installation of PET Bottle Line Project and RGB Line at **Cocacola M-3 industrial state (45000Bottles/hr)** as a **Electrical Project Engineer**
- ✓ Worked with **TMI Padovan** and Cocacola's team for Plant Installation
- ✓ Executed **installation** of mechanical structure and Instruments like sensors etc according to the **P & ID**.
- ✓ Supervised of Instrument Installation, Instrument's cable laying and termination in **SYRUP room**.
- ✓ Supervised **pipework system** for the SYRUP room according to the defined expectations
- ✓ Executed all work in accordance with the **COCACOLA and ORA's safety regulations** and requirements
- ✓ Conducted **Inspection, Troubleshooting** and **preventive maintenance** according to the required interval.
- ✓ Report regularly to the management problems and solution on the lines and machines.
- ✓ Execute and complete all relevant work in an accurate and timely way

FINAL YEAR PROJECT:

Smart Energy Management system

- ✓ Rated **Energy audit** of specified electrical System
- ✓ Determination of energy consumption of running system using **Power Quality Analyzer**
- ✓ Determination of power Quality Parameters including Harmonics
- ✓ Determination of **KPIs & EPIs** of a system
- ✓ Development of **One line** diagram of system using PWS software
- ✓ Development of Real time monitoring system using **LABVIEW**

COMPUTER PROFICIENCY:

- ✓ Proficient in Electronic Simulation Software : Proteus , Multisim , Xilinx ,Keil win spice, Power World Simulator
- ✓ Proficient in Computer Software : Matlab , Eclipse , Microsoft Visual Studio , Dev Cpp

SKILLS:

- Leadership Vice President at IET, Former Captain of Spartans FC UET, Class Proctor, School Head Boy.
- Team Player Designed and fabricated many semester projects and volunteer projects as Team member.
- Communication University Ambassador for FPDC.
- Management Organized 25+ University level Events, 1 national level event & 3 international level event

Professional Affiliations:

- ✓ **Vice president** of IET Student Branch, UET-Lahore (2016-17)
- ✓ **Member** of Old RAVIAN union, GCU-Lahore. (2016-Present)
- ✓ **Co -Head** of Event Management IET Student Branch, UET-Lahore. (2015-16)
- ✓ **Active Member** of American Society of Mechanical Engineers (**ASME-UET Chapter**). (2013-14)
- ✓ **Photographer** of Institute of Engineering & Technology ,UET-Lahore (2014-15)
- ✓ **Active Member of** Event Management team IET Student Branch, UET-Lahore (2013-14)
- ✓ **Active Member** of Welfare Society, GCU-Lahore. (2011-13)
- ✓ **Active Member of Media Watch Society, GCU-Lahore.** (2011-13)

Achievements:

- ✓ Organized a friendly **international** match of **Ronaldinho, Ryan Giggs & his Friends** in Lahore (2017)
- ✓ **Certificate of achievement** from **PEL** for achieving 2nd position in SIP-15 project Competition (2015)
- ✓ Best **Executive Member Award** by IET UET, Lahore. (2015)
- ✓ Awarded **Silver** Medals for sports by UET (2015)
- ✓ Finalists in **ASHRAE** Summer challenge in UET-Lahore for Catapult. (2014)
- ✓ **Runner up** of **UN FUTSAL TOURNAMENT'14** (2014)
- ✓ Awarded with **Shield** from **Bazm-e-Paigham trust Foundation** on best academic result (2010)
- ✓ Awarded many Medals for Naat & quiz competition & many co-curriculum activities by School. (2011)

CO & EXTRA-CURRICULAR ACTIVITIES:

- ✓ **Certificate of participation** from **PEL** in Summer Internship Program'15 (2015)
- ✓ **Certificate of participation** from **SUPARCO** on attending a international workshop. (2015)
- ✓ **Certificate of participation** from GIKI Science Society in **International science & youth symposium** (2015)
- ✓ **Participant** in **BNU Bestival'15** (2015)
- ✓ Vice-Captain and Ex-Captain of **Spartans Football Club** of UET, Lahore. (2014)
- ✓ **Captain** of School Football and Hockey Team (2011)
- ✓ Playing Football, Table Tennis, Cricket etc...

INTERESTS:

- ✓ Travelling, Socializing, Dinning out
- ✓ Politics, CSS, Nature and architectural photography
- ✓ Football, Cricket, Chess , Tennis, Hockey