



Muhammad Musa Baig S/O Nauman Baig

Pakistan Engineering Council (PEC) Registered Engineer:
Registration No. ELECT/54846.

Father's Occupation: CIVIL ENGINEER in Irrigation Department (GOVT Service)

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D.O.B: Oct 05, 1992

Career Objectives

I want to improve my professional and management skills while working as a professional in the reputed organization. It'll also help me to excel myself professionally and with firm determination. Ultimately this will serve positively in my temperament and way to work as a professional.

PROFESSIONAL EXPERIENCE

POST GRADUATION EXPERIENCE



Nishat Hotels and Properties Ltd.

Dec 2017 – in progress

Designation: Trainee Engineer (E&I)

Job Description:

- Monitor below electrical works in Hotel and Banquet:
 - Specialist Lights Control and Rectifications prior to Banquet events.
 - Coordinating with events' organizers regarding their technical requirements for the event in Banquet and Hotel.
 - Managing additional requirements and rectifications being in coherent with Hotel Management.
- Planning and carrying the operative maintenance in Hotel and Banquet.
- Regular part of O&M Team for maintenance in Substations, MV Panels, specialist lights and LV Panels for smooth Mall operations.
- Updating the project progress in Primavera.
- Managing purchase, demand and material requests using Oracle Fusion Middleware software.
- Managing LESCO and GENSET Billing matters for Mall's tenants.
- Documentation and inventory management regarding stock availability and alerts related to Electrical items.
- Carrying handing over procedures and punch list clearance from contractor while representing client authority.



Dunya Television Network.

Oct 2017 – Dec 2017




Designation: Junior Broadcasting Engineer

Job Description:

- Monitoring the news bulletins and TV programs regarding any broadcasting issues.
- To work with NOC engineers to ensure that programs are broadcasted on time and with a high quality of sound and image.
- Assistance for the ongoing project of up linking multiple channels on same frequency band.

	<p>Nishat Hotels and Properties Ltd. Feb 2017 – Oct 2017</p> <p>Designation: Intern</p> <p>Job Description:</p> <ul style="list-style-type: none"> ○ Learning whole electrical and HVAC system of Mall starting from Grid, Power House, Plant Rooms, Substations , MV and LV Distribution. ○ On site coordination between client and contractor for ongoing Hotel & Banquet project. ○ I also supported MEP-Electrical team for HFO Conversion project in 14 MW Emporium Power house.
	<p>Grand Charter College, Lahore. Sep 2016 – Jan 2017</p> <p>Designation: Lab Engineer</p> <p>Job Description:</p> <ul style="list-style-type: none"> ○ Conducting lab sessions for BS Electrical Engineering students. ○ Formulated lab manuals for Circuit Analysis, Digital Logic Design and Communication System labs ○ Being part of committee, I was given role of advising books related to Electrical engineering for setting up the library.
<p align="center">PRE GRADUATION EXPERIENCE</p>	
	<p>University of Management and Technology, Lahore Feb 2014 - Aug 2016</p> <p>Designation: Teacher Assistant</p> <p>Job Description:</p> <ul style="list-style-type: none"> ○ Assistance to teacher regarding managing lectures, quizzes and assignments as per course outline. ○ Checking the students' assessments and being accountable for that. ○ Managing the time and submit the results with in time. ○ Grading the marks on self prepared excel sheets and presenting the results as per formulas and department policies.
 <p>Nishat Chunian Ltd.</p>	<p>Nishat Chunian Power Plant (200 MW IPP) Aug 2015 - Sep 2015</p> <p>Designation: Intern</p> <p>Job Description:</p> <ul style="list-style-type: none"> ○ Assisted in maintenance of Wartsila Alternators and Siemens Transformers. ○ Learnt the testing methods like using Megger Meter, Clamp Meter and protective equipments like fuses, circuit breakers and isolators.
 <p>Pak Elektron Limited</p>	<p>Pakistan Electron Limited (PEL), Lahore Aug 2014 - Sep 2014</p> <p>Designation: Intern</p> <p>Job Description:</p> <ul style="list-style-type: none"> ○ Learnt about the process of manufacturing, assembling and testing of energy meters. ○ Preparing a descriptive report about Transformer types, losses and Total Owning Cost (TOC) methods for transformers.

EDUCATION BACKGROUND	
	<p>University of Management and Technology, Lahore.</p> <p>MS – Electrical Engineering. Session: 2017-2019.</p> <p>STATUS: In Progress</p>
	<p>University of Management and Technology, Lahore.</p> <p>BS – Electrical Engineering. Session: 2012-2016</p> <p>CGPA: 3.48/4.00</p>
	<p>Punjab College of Science, Lahore.</p> <p>FSc (Pre Engineering). Session: 2008-2010</p> <p>MARKS: 834/1100 (76%)</p>
	<p>Divisional Public School, Lahore.</p> <p>Matric - Science. Session: 2007-2008</p> <p>MARKS: 737/850 (87%)</p>
PROFESSIONAL TRAINING/COURSES	
	<p>Electrical Engineering Solutions International Pvt. Ltd Lahore, Pakistan. Session: Nov 2016</p> <p>Professional training of PLC-HMI using Siemens PLC S7-300 trainer:</p> <ul style="list-style-type: none"> ○ Hardware communication of PLC. ○ Programming on ladder logic. ○ Troubleshooting. ○ HMI designing and its communication with PLC.

SKILLS SET			
Technical/Professional Skills	<ul style="list-style-type: none">○ Electrical Engineering applications.○ Troubleshooting in Electronic circuits.○ Project Management.○ Pressure Handling○ Analytical skills.○ Time and Resources Management.○ Professional Temperament		
Computer/Software Skills	<u>MS Office</u> MS Word MS Excel MS Power Point	<u>Project Management</u> Oracle Fusion Middleware Primavera	<u>PLC</u> Ladder Logic in Simatic Manager software
	<u>Designing</u> AutoCAD (Basic)	<u>Lighting Design/Control</u> Philips Calculux Philips Envision	<u>Programming</u> C/C++ Language
Language Skills	English – Proficiency Urdu – Proficiency (with being native language) Punjabi – Intermediate (Speaking/Listening)		
AWARDS/HONORS			
	Social Welfare Society – UMT Lahore Executive Member June 2014 – June 2015		
	Rotary International. Polio Ambassador Oct - 2014		
	Fee Scholarships <ul style="list-style-type: none">○ 90% fee concession (In College) & 50% fee concession (In University)○ Punjab Govt. Benevolent Fund Scholarship		
Interests/ Hobbies	<ul style="list-style-type: none">○ Sports – Cricket, Foot Ball and Badminton.○ Travelling.○ Watching Real life based movies.○ Autobiographies of personalities.		
References	<ul style="list-style-type: none">○ Can be provided on demand.		