Engr. Salman Chishti

Cell #: 0324-6340200
PEC #: **65585**
salman.chishti94@gmail.com

Career Objective:

Electrical Engineer with specialization in Electronics, seeking for a career in an industry to maintain control process, machine maintenance, design hardware panels, designing and troubleshooting of electrical circuits. Always ready to learn new technologies.

Education:

Degree	Institution	year	CGPA/ Percentage
BSc Electrical Engineering **(Accredited by PEC)**	Pakistan Institute of Engineering & Technology, Multan (Affiliated with UOS)	2013-2017	3.74 / 4.00 CGPA Over all 2nd Position
Fsc (Pre Engineering)	Govt.Emerson College, Multan	2011- 2013	831 / 1100 (75.5 %)
Matriculation	Workers Welfare School boys, Multan	2011	900 / 1050 (85.7 %)

Internship:

Thermal Power Station, Mehmood Kot Road, Muzaffargarh, Punjab June 28, 2016 — July 27, 2016
(MEPCO)

- It was a good experience at Thermal Power Station.
- Learned that how the electricity is generating at this station.
- Experienced to check the operation of Electrical Generators, Electrical Transformers, Circuit breakers and control systems there.

132 KV Grid Station Qasim Pur, Multan July 07, 2015 — August 08, 2015
(MEPCO)

- It was a good experience at MEPCO.
- Learned that how the power is delivering from this grid station to other substation.
- Experienced to check the operation of Electrical Transformers, Capacitor banks, Circuit breakers and control systems there.

Job Experience (1 year):

Currently working as a Research and Development Engineer at ESOLS (Engineering and Education Equipment) Multan. Here I am dealing with microcontrollers and programming, touch LCDs, PLC, designing of new equipment and troubleshooting of different types of trainers and projects.

HONORS & AWARDS:

- Achieved Excellence Award at PIET (Over all 2nd Position in my batch)
- Secured First (1st) position in BSc Electrical Engineering with 4 GPA (8th semester)
- Secured First (1st) position in BSc Electrical Engineering with 4 GPA (7th semester)
- Achieved First (1st) position in BSc Electrical Engineering with 3.84 GPA (4th semester)
- Got second (2nd) position in BSc Electrical Engineering with 3.66 GPA (3rd semester)
- Secured Third (3rd) position in BSc Electrical Engineering with 3.51 GPA (2nd semester)
- Received Certificate of Academia Excellence from Chairman BISE Multan.
- Received Dalda Scholarship on the basis of IQ test.
- Got second (2nd) position at School in Matriculation.
- Throughout Position Holder in School period.

Software Skills:

- Arduino Programming.
- PLC Programming.
- LabVIEW.
- Nextion Touch LCD editor.
- EasyPC circuit designing software.
- MetalCut LASER Machine Software.
- 8051 Microcontroller Programming.
- MATLAB (Electrical).
- Proteus Software.
- ModelSim - Intel FPGA 10.5b (Quartus Prime 16.1).
- VHDL Programming.
- 5Spice.
- Assembly Language.
- Java.
- AutoCAD Electrical.
- Multisim Software.
- Turbo C.
- Microsoft Office suite.
- Adobe Photoshop.

Professional Projects:

- Process Control Trainer with PID Control (Level, Flow, Pressure, and Temperature).
- Oxygen Bomb Calorimeter with Software.
- Rising and falling film apparatus.
- Batch distillation unit.
- Gas absorption chemical apparatus.
- Cooling Tower Apparatus.
- Tray Drier apparatus.
- Fatigue testing machine.
- Acid and Base Ph scale measuring apparatus.
- Flocculation-jar test apparatus.
- Thermal expansion apparatus.
- Pascal's Law apparatus.

Academia Projects:

Final Year Project: Magnetic Levitation for Targeted Drug Delivery. I have made a prototype for in vivo drug delivery in human internal body parts by magnetic levitation control.

- Smart App Controlled Temperature measuring Robot using Arduino.
- NOR gate designing on 5Spice.
- Line Follower Robot.
- 8051 Microcontroller Trainer.
- Using J Creator I made a GUI Dead Body Time Calculator which tells about the time of death of murdered body, it is beneficial for doctors in real life.
- Fire Alarm System.
- 12 Volts Battery Charger.
- Surrounding Temperature Sensor.
- Car Parking Sensor.
- TV Remote Jammer.
- Remote Operated Alarm.
- Electronic Dice.
- Automatic ware house light.
- Infrared Security System.

Seminar Attended:

- Engineering Community Gathering on the topic of “Enhance Employability Skills among un employed youth” at PIET Multan.
- Next generation network (NGN) conducted by PTCL at PIET Multan.
- Overview of Photonics and its Applications at PIET Multan.
- Introduction about IOT(Internet of Thing)
- Introduction about SOC(System On Chip)

Interests and Hobbies:

To learn about Software Design to Control Hardware, Controlled Process, Machine Maintenance, Circuit Designing, Gymnasium exercise, Painting, Sketching, Singing, Swimming and E games.

References:

References will be provided on demand.