

MUHAMMAD SHAHID

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PEC Registration No. ELECTRO/14251



OBJECTIVE

Seeking a challenging position in a professional organization where I could prove my capabilities, excel my future and become a valuable asset of the organization.

EDUCATION

FEB 2018

ME ELECTRICAL, HAMDARD UNIVERSITY

CGPA 3.93, *Gold Medalist*

Specialization in Electrical Power System

Elective Courses:

- Advance Artificial Intelligence
- Robotic
- Smart Grids & Future Electrical Energy System
- Renewable Energy Technologies
- Advance Power Plant engineering
- Advance Power Electronics
- Power Distribution System & etc.

MAR 2009

BS ELECTRONICS, SIR SYED UNIVERSITY OF ENGINEERING & TECHNOLOGY

CGPA 2.99

Final Year Project:

Robotic Arm, which can recognize the objects visually in the specify field via *Image Processing*. It can help in the industries to grasping & handling over objects in the hazardous location.

AUG 2004

HSSC, D.J. SINDH GOVERNMENT COLLEGE

Pre-Engineering, 74.36%

AUG 2002

SSC, PROGRAMMER SECONDARY SCHOOL

Science, 80.82%

SHORT COURSES

NOV 2014

PROJECT MANAGEMENT, SIR SYED UNIVERSITY OF ENGINEERING & TECHNOLOGY

EXPERIENCE

FEB 2016 – PRESENT

ASSISTANT MANAGER ELECTRONICS, MUJTABA TEXTILE MILLS

- Assist the Manager Electrical in their routine task.
- Manage all the phases (integration, planning, execution, monitoring & controlling) of project.
- Plan and Lead the electrical maintenance team for the preventive, annual & breakdown maintenance.
- Perform troubleshooting and ensure smooth performance of the plant.

Erection:

- MS Digital Printing JP-7
- MS Digital Printing EVO
- Compactor Machine
- Prima Flatbed Machine

Automation Project:

- Design the Batcher unroll system for the MS Digital printing Machine on Arduino.
- Design the Width Adjustment System for Stenter machine on Arduino.
- Design the Water Management system using Arduino
- Machine Centralize System for monitoring the status of different machines.
- Design the system for control the machine from remote location by Generic PC.

DEC 2009 – FEB 2016

ELECTRICAL ENGINEER, MUSTAQIM DYEING & PRINTING IND.

- Assist the Assistant Manager Electrical in their routine task.
- Assist the Project Manager in their Project & erection work.
- Plan and Lead the electrical maintenance team for the preventive, annual & breakdown maintenance.
- Perform troubleshooting and ensure smooth performance of the plant.
- Manage local & imported parts inventory
- Program the PLC, Inverters & other controlling devices.
- Integration of field instruments like flow transmitter, pressure transmitters, level transmitters, temperature transmitters & other control valves with automation system.

Erection:

- Osthoff Senge Machine
- Monforts Stenter Machine
- Hyundai Passenger Lift
- BONO Oil Heater
- Sitara Curing Machine
- 20kW on grid Solar Power System
- Janbacher Gas Generator

Automation Project:

- Design electronics circuit for Width adjustment system for Stenter machines.
- Convert the Embedded System Program of Mahlo Weft Straightener to Generic PC.
- Convert the Embedded System Program of Monforts Stenter to Generic PC.

FEB 2009 – MAY 2009

BSS ENGINEER, END2END ENTERPRISES

Installation & Commissioning of DSLAM (Routers) at PTCL Islamabad & Jhelum.

DEC 2007 – JAN 2008

INTERNEE, SIEMENS PAKISTAN

Analyses of structure, manufacturing, & testing methods of Power & Distribution transformers.

Project:

- Develop the software on 'C' language to suggest the possible resistor combination which is equivalent impedance of Power transformer. It reduces Impulse Test processing time.
- Automation of old manual motor winding machine. It reduces the human error and processing time.
- Design the Crain protection system which protect two Cairns from collision.

SKILLS

Software Skills

- Windows XP, 7, 8, 10
- MS Office 2016
- Ubuntu Linux
- Open Office
- AutoCAD
- MatLab
- MultiSim
- Labview
- Eagle PCB Maker
- Keil u Vision
- Virtual Machine
- Node-Red

Industrial Tools

- Siemens, Step 7
- Siemens, Step 5
- S5 / S7 for windows
- Siemens, Drive Monitor
- Lenze, Global Drive Control
- SAM / PAM Tool
- LSIS, XG500 & XP-Builder
- Axor Magnum Driver, Speed One
- Delta, PMsoft
- KEBA, Puma Diagnoses

Programming Skills

- Raspberry pi
- Arduino
- C Language
- Python

ACTIVITIES

- Studying Advance Artificial Intelligence for Human facial expression and psychological behavior.
- Automation of industrial machine using Arduino instead of PLC to reduce the material cost without compromising the performance and reliability.
- Swimming, playing football, badminton & Chess.
- Read Urdu poetry & literature.