

Izhar-Ud-Din

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PERSONAL DATA

Father Name	:	Rahman-Ud-Din
DOB	:	14-12-1995
Religion	:	Islam
Nationality	:	Pakistan
Passport	:	BD2409381
Languages	:	English, Urdu, Pashto
Marital Status	:	Single
Gender	:	Male

CAREER OBJECTIVE

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

ACADEMIC QUALIFICATION

2021 Six months Practical Training Course in Industrial Automation PLC & SCADA (PITAC Lahore)

2019 Bachelor in Mechatronics Engineering (Registered with PEC in level II, Mechatro/3802)
CGPA: 3.07/4.00 (University of Engineering & Technology Peshawar, Pakistan)

2014 F.Sc (Pre-Engineering)
Marks: 897/1100 (Board of Intermediate and Secondary Education Malakand)

2012 Matric (Science)
Marks: 824/1050 (Board of Intermediate and Secondary Education Malakand)

Work Experience

Organization: Almoiz Industries Limited DI Khan, Pakistan

Position: Instrument Engineer (October 11, 2021 - Till Date)

Job Descriptions:

- Troubleshooting, PLC Programming, Commissioning, and installation of different instruments such as Temperature, Pressure, HMD, Vibrations, Encoder, PH, etc.
- Maintenance of the SCADA System for smooth production
- Leading Erection tasks or new machine installation and automation (preparing Single Line Diagram and control diagram on AutoCAD software and delivering SLD, control, and automation drawings for better interpretation)
- Preparing E & I department annual budget.
- Preparing Gantt's Chart for an off-season Maintenance schedule, management, and leading tasks accordingly.
- Maintenance of Electrical machinery, and Instruments during production and shutdown.
- Preparing maintenance and work/progress reports and presenting them to H.O.D and General Manager.

Organization: InfoTech Pvt, Ltd Lahore, Pakistan

Position: Field Engineer (October 21, 2020 - October 10, 2021)

It was a contract job where we assigned a specific orange train station for the maintenance and troubleshooting of machines related to the AFC System such as the Automatic Gate Machine (AGM), Ticket Vending Machine (TVM), Ticket Checking Machine (TCM), Booking Office Machine (BOM), Communication server Rack, UPS Back up System, etc.

Duties and Responsibilities:

- Troubleshooting and Maintenance.
- New machines parts changing and installation by own.
- Commissioning and synchronization of master and slave cards with other instruments and main communication server.
- Documentation, and technical report writing on a daily basis.

Publications:

Title: Development of an Electricity Theft Detection System

- I am the first author of this research paper and it is a real-time autonomous system that can detect electricity theft precisely and inform the head office of that particular area in real-time through the GSM Module, below is the reference of the paper from where one can find my research paper.

Reference: Pakistan Journal of Engineering and Technology, PakJET

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SKILLS

- Instrumentation, PLC, and SCADA System
- Megatherm, Electrotherm, and inductive furnaces, Control Panel Expert, its circuitry structure, Power, Frequency, and Current adjustment, having significant skill in the SFC Panel, DC Chowk, a controlling unit, and have the ability to diagnose and resolve any problem of megatherm and electrotherm furnaces.
- PLC programming (Mitsubishi, Siemens, Allen Bradley, Fatek, Omron, Delta)
- TIA Portal, Step 7 Microwin, Easybuilder Pro, GxDeveloper, Winproladder, Proteus, Multisim AutoCAD.
- Servo drive installation and commissioning
- Making of Control Diagrams SLD
- Having the Capability to design and Programmed any kind of Automation System, through PLC, Arduino, and Relay Logic.
- Creativity at Industrial Automation and Designs | Microsoft Office | Microsoft Excel | Microsoft PowerPoint | Microsoft Project | PLC Ladder Logic

Projects

- Complete Erection of 20 Metric Tons Megatherm Furnace unit at Almoiz Industries limited (including 2 furnaces, 3 Overhead Cranes, RO Plant Installation, 6 water turbines, 2 chief diesel engines with pumps, 4 cooling towers, vibrator feeder, 2 ladle cars)
- I did complete PLC programming for the automation of Continuous Casting Machines at Moiz Steel.
- Design and programming of new automatic Hydraulic shear for billet and synchronization with conveyor at Moiz Steel.
- Programming of New Pinch Rolls at Moiz Steel.
- Synchronized Rolling Mill DC Motors through PLC Programming with HMD, Pinch Roll, Encoders, Temperature, and Water flow pressure transducer using Siemen S7-200, 300 and 1200 PLCs.

- Installed and programmed of Rolling Mill Autonomous Crocodile Shear machine through Siemen S7-1200 PLC.
- Best technical support award from InfoTech higher management at OLMRTS
- Recently Nominated for an appreciation award from the Head office of Almoiz Industries Limited on the completion of new projects Autonomous Hydraulic shear and pinch Rolls.
- Giving Part-time Online Programming Services to client

Hobbies

- Hiking | Football | Cricket | Swimming