

Basit Mehmood Paracha

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CAREER SUMMARY:

Sales & Application Engineer (Projects)

Overseas Enterprises (Automation & Control Division) April 01, 2016 – Present

Key Executed projects:

- **Nestle Pakistan Limited (SKP Plant)**
 - Team lead at this project.
 - Area evaluation of EGRON filling and packing area.
 - Selection of appropriate model of COGNEX vision camera IS2000 for the presence of Batch code.
 - Communicate camera's output with PLC by using Cognex Software InSight Explorer 5.6.
 - Performed FAT & SAT procedure for client's satisfaction.
 - Commissioning at site and handover the project to Nestle's representative.
- **Unilever Pakistan Limited (Foods Factory)**
 - Team lead at this project.
 - Foreign correspondence with principal for online commissioning of CASSEL X-Ray.
 - Calibration of X-Ray according to each running SKUs.
 - Training of client representatives before handover the project.
- **Unilever Pakistan Limited (Rahim Yar Khan)**
 - Site evaluation to offer SICK Oscillating Barcode scanner CLV630.
 - Installation and commission of SICK Barcode scanner according to their requirements.
 - Calibrate the Barcode parameters through SOPAZ software.
 - Communicate the Barcode scanner with S7-1200 using TIA Portal.
- **PTC AKORA KHATAK**
 - Team lead at this project.
 - Site evaluation at Primary Manufacturing Department and installation of Safety Detec 2 Core at Delphi & Tilter.
 - Site evaluation at PMD and installation of Safety Muting light curtains M4000 at Bale Slicer & KAE area.
 - Designing and making the electrical DB to activate the light curtains.
 - Designed the electrical drawing and programmed as per the requirement of Muting curtains M4000 Advance.
 - Successfully Commissioning and handover the project to PTC.

- **PTC JEHLUM**
 - Team member at this project.
 - Site evaluation at PMD and installation of safety muting lights curtains M4000 at Bale Slicer Area.
 - Designing and making the electrical DB to activate the light curtains.
 - Successfully Commissioning and handover the project to PTC.
- **SURGE LABORATORIES**
 - Site evaluation and discussed the process philosophy.
 - P&ID's development.
 - HMI designing, programming, BOQ making, Panel FAT.
 - Team member of commissioning at site.
- **Continental Biscuits Limited Sukkur.**
 - Supervisor of installation of FLEKKON overhead flexible conveyor.
 - Integration of sensors with PLC to automate the conveyor system.
 - Team member of automation team for Sorting system installation at warehouse by using SICK Oscillating Barcode Scanner CLV650.
- Technically evaluate the client requirement and offer them the sensors of SICK and COGNEX VISION CAMERAS & MURR panel instruments.

Trainee Engineer at M/S Sherzaman Operator

Aug 01, 2015 – March 31, 2016

Description:

Working at Operation Management & Maintenance of Kohat Tunnel Project under the supervision of National Highway Authority.

- Maintenance of Substation in H.T Section.
- Operating SCADA (Supervision Control & Data Acquisition).
- Monitoring Tunnel Operations through 20 CCTV Cameras.
- Weekly maintenance of CCTV cameras, Jet Fans, Substation, VICO & Anome meter, LED lights installed inside Kohat Tunnel.
- Weekly troubleshooting & Maintenance of Mozek Panels, PLC's & main Control Feeder Installed in control room.
- Operating 500 KVA & 300 KVA Diesel Generators.

Intern at Avanceon Ltd Lahore

Nov 16, 2014 - Jan 15, 2015

Description:

- Worked at a Project of Unilever walls. Installation of energy meters and their configuration by using Grid-Vis. Designed HMI's of their Power Transmission System by using Factory Talk SE.
- Worked at FAT of MOL Makori Plant. I verified Power Wiring Distribution drawings and wiring tags. Helped in Simulation of IO's, Cold test and Hot test. I helped in the logics verification.

Intern at Kohat Cement Company Limited

June 16, 2013 - July 26, 2013

Education:

- **BS Electrical Engineering** **Sep 12, 2011 – June 13, 2015**
FAST-NUCES (National University of Computer & Emerging Sciences)
- **Higher Secondary School Certificate** **2008 – 2010**
Garrison Cadet College Kohat
- **Secondary School Certificate** **2007 - 2008**
Iqra Public Secondary School Kohat

Skills & Interests:

Automation Programs

- Factory Talk SE
- Grid-Vis,
- S7-1200
- Insight Explorer
- Checker
- SOPAS
- CDS.

Hobbies

- Cricket
- E-Gaming
- Table tennis.