

PROFESSIONAL CAREER: PRESENT STATUS

Industrial Automation Engineer in Electrical Department of Fabtech Technologies International Ltd (Turnkey Solutions for Pharmaceutical Machinery Manufacturing & Pharmaceutical Maintenance Company), Umbergaon, Valsad, Gujarat from 25.08.2014. TECHNICAL KEY SKILLS:

**PLC- Programmable Logic Control, AI/AO, DI/DO Module Cards.**

**Software**: - SIMATIC MANAGER V5.5, TIA PORTAL V15.1 (SIEMENS), RSLogix500

**Hardware**: - S7 300, 400, 1200 (SIEMENS), Micrologix 1400 (ALLEN BRADLEY), FX5U-32M (MITSUBISHI)

**Communication**:-Communication between different Modules, PC To PLC, PLC To PLC, PLC To RIO, PPI (Point To Point Interface) Adaptor, MPI (Multi Point Interface) Adaptor, CP card, PG/ PC (Peripheral gateway) by using PROFIBUS, PROFINET,RS 232.

* **SCADA**- **Supervisory Control And Data Acquisition**

**Software**: -SIMATIC WINCC V7.0 (SP-2).

* **HMI - Human Machine Interface**

**Software**: - TIA PORTAL V15.1 (SIEMENS), CCW V11, IX DEVELOPER V3.2

**Hardware –** SIMATIC KTP 400, 700, 900, 1200 comfort (SIEMENS), Panel View plus T4T, T7T (ALLEN BRADLEY), GS2110-WTBD, GS2107-WTBD, GOC 35, HMI (MITSUBISHI)**,** x2 Pro 10 **(**BEIJER).

* **VFD- Variable Frequency Drive**

**Hardware & Programming** – Power Flex 4,400,4M,523 (Allen Bradley), Emotron VSB48, (Crompton Greaves), SINAMICS V20, G120C PN (SIEMENS), Danfoss micro drive, L & T Cx2000 series, Inovance, Frecon FR150 Series, Delta C,E Series.

* **IRAR- Industrial Remote Access Router**

**Software** –ECATCHER, Talk2M.

**Hardware** – eWON Cosy 131 Module EC6133C, EC6133D.

* **Industrial Instrumentation, Process Control, Sensors.**

PROFESSIONAL EXPERIENCE:

**Employer name:** Fabtech Technologies International Ltd (Pharmaceutical Machinery Manufacturing & Pharmaceutical Maintenance Company), Umbergaon, Valsad, Gujarat.

**Period of working:** 25 August 2015- Present.

**Designation:** Automation Engineer

**Role:**

* To see the Maintenance, manufacturing, overseeing the production of goods in factory. Our main job is to ensure that all products are manufactured with utmost efficiency and quality, according to planned protocols using the appropriate Electrical & Automation technology.
* Leadership experience in an Industrial Automation & Instrumentation maintenance or manufacturing environment.
* Electrical control panel designing with 3 Phase supply Bus Bar system Distribution.
* Familiar with standard and code (IEC 61131-3), ATEX Certification, Zone 0, Zone 1.
* Knowledge of PLC software development, 21 CFR Part 11, Online/ Offline Batch Report generation.
* Maintenance, Testing, Installation, Interfacing, Commissioning and modifying the existing systems.
* Experience troubleshooting, maintenance electrical controls, PLC’s (Allen Bradley, Siemens, Mitsubishi), VFD programming, motor controllers, pneumatic systems, control loops and Instrumentation
* Work in close proximity to hazardous chemicals, high and low temperature liquids, high pressure liquids and gasses, steam, and moving machinery/equipment
* Perform complex configuration of the site’s instrumentation
* Provide hands-on technical leadership for installation, start-up, and maintenance of state-of-the-art process control systems
* Assist in the development and training of Client's personnel when requested
* Working with engineers to develop P & ID's and specify Instrumentation using AutoCAD.
* Performing detailed instrument, and control design work for start-ups, FAT, SAT, IQ, DQ, OQ & PQ.
* Discuss with the customers during implantation and design of the new complex services, maintenance understanding complicated problems resulting in successful problem resolution.
* Working collaboratively with design engineers, operation engineers, purchasers and other internal staff.
* Providing advice and consultancy support.
* Project management within cost and time constrained environments.
* Also Onsite visit Maintenance, Installation & Commissioning in National & International Level (Dubai, Bangladesh).

**Employer name:** Fabtech Technologies International Ltd (Pharmaceutical Machinery Manufacturing & Pharmaceutical Maintenance Company), Umbergaon, Valsad, Gujarat.

**Period of working:** August 2014- August 2015

**Designation:** GET **(**Automation Engineer) 25.08.2014 – 25.08.2015.

**Role:**

* Answer technical inquiries, make technical recommendations, improve design tools, & develop design procedures and provide training
* Conduct engineering study & risk-based analysis, and make recommendations to improve equipment performance and efficiency
* Contribute to the development and application of the sites Process Safety culture, working to deliver solutions and improvement to Huntsman corporate standards
* Develop and lead improvement of the Alarm Management Systems, PLC and Hardware safety trip systems and their integration into existing systems
* Provide strategic development of Instrument related working procedures and processes
* Execute Engineering activities (Concept, Front end Engineering Development, Technical Study & Detailed Design)
* Manage, design & execute instrument related capital projects

**Employer name:** ZEAL IT Solutions Pvt. Ltd, Kolkata

**Period of working:** July 2012- May 2014.

**Designation:** Trainee Engineer.

**Role:**

* Using and designing systems to control pressures and temperatures and participate in the development of the P&IDs
* Site visit for maintenance in control systems and monitor processes, systems and machinery in many different areas.
* Writing technical reports and keeping up to date with developments in work status.

**Employer name:** Camellia Institute of Technology, Madhyamgram, Kolkata

**Period of working:** August 2010- June 2012.

**Designation:** Lecturer in Applied Electronics & Instrumentation Engineering (AEIE) Department.

**Role:**

* Giving Lectures to B.Tech Students.
* Taking Labs of Industrial Instrumentation, Process Control, Electrical & Electronics Instrumentation Measurement. Transducer & Sensors.

MASTER CERTIFICATIONS COURSE:

Master Certificate Course in Automation & Process Control from MSME Tool Room, Kolkata (Central Tool Room & Training Centre) Ministry of Micro, Small & Medium Enterprises Govt. of India. Course content (SIEMENS PLC (S7300, 400, 1200, RIO), SCADA, Hydraulics & Pneumatics, DCS (PCS-7), HMI-S7-1200, VFD, AUTO-CAD Electrical Drawing applications, Lab View (National Instrument Basics) & Project work.) Duration 01.08.2016 TO 28.02.2017.

EDUCATIONAL BACKGROUND:

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| **Name of The Examination** | **Name of the Institution** | **Board/ University** | **Year of Passing** | **Percentage of Marks** |
| M.Tech (A.E.I.E) | Heritage Institute Of Technology, Kolkata. | West Bengal University Of Technology (WBUT) | 2010 | 8.55 (DGPA) |
| B.Tech (A.E.I.E) | Murshidabad College of  Engineering & Technology (M.C.E.T) | West Bengal University Of Technology (WBUT) | 2007 | 8.17 (DGPA) |
| Class 12th Board | D.A.V Public School Kathara, Bokaro. | C.B.S.E. | 2003 | 72% |
| Class 10th Board | D.A.V Public School Kathara, Bokaro. | C.B.S.E. | 2001 | 68.4% |

SHORT TERM TRAINING PROGRAMME/ CONFERENCES COURSES ATTEND:

* Experiments on Sensors & Transducers organized by NITTTR, Kolkata, India
* Laboratory Practice on Distributed Control Systems (DCS) organized by NITTTR, Kolkata, India.
* Vocational training in Bandel Thermal Power Station (B.T.P.S) of WBPDCL & visiting its different units and sections.

PROFESSIONAL MEMBERSHIP:

* Instrument Society of India, Bangalore, India.

SOFTWARE KNOWLEDGE:

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| **Software** | **Description** |
| **Operating System** | Windows 10, 7, Vista, xp, 98. |
| **Simulators** | 8085 Simulator, MATLAB 7.14, TIA Portal V15.1, S7-PLCSIM. |
| **Languages** | C, C++ |
| **Others** | Microsoft® Office, Photo shop 7.0 |

PERSONAL PROFILE:

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| **Permanent Address** | Residence:  S/O.AKTAR UZ ZAMAN Roushan Complex,  Altabartala, P.O-Bhagawangola  Dist- Murshidabad  Pin-742135, West Bengal  Mobile No: 09475228131/ 9830193431 / 9064528013 |
| **Date Of Birth** | 22/09/1985 (22nd Day of September Nineteen Hundred Eighty Five) |
| **Nationality** | Indian |
| **Religion** | Islam. |
| **Sex** | Male |
| **Marital Status** | Married |
| **Guardian** | Aktar Uz Zaman |
| **Passport** | International Passport. |
| **Driving Licence** | 2 Wheeler, LMV. |
| **Languages Known** | English, Hindi, Bengali. (Can read & speak as well as write) |
| **Hobbies** | Watching Movies, Playing & Watching Cricket & Listening Music. |

**I hereby declare that all the above-mentioned information is true to the best of my Knowledge and belief.**

**Date:**

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**Place: SAHEL UZ ZAMAN**