|  |  |
| --- | --- |
|   RESUME65695a**Ifham Khan**Mobile : +971 502434894**Email ID :** ifham.khan@gmail.com ifham\_extc@yahoo.co.in**Countries of Work Experience:** India, UAE, KSA & QatarPersonal Information: Father’s Name**:** Mr.Irfan KhanSex **:** MaleMarital Status **:** MarriedDate of Birth **: 02-Sept-1984**Religion  **:** IslamPassport No. **:** **M3688960**, Valid until 2024**Nationality :** Indian**Driving License**: UAE and Qatar valid License**Languages:** English, Hindi, Marathi, Urdu & Arabic (Basic)**Permanent Address :** Opp: S.M Science Jr. College, Olle Patel Plot, Darwha, Distt: Yavatmal - 445202(MS), India  |  **Profession: Control and Automation Engineer**  Academic Profile  **Education:****Bachelor of Electronics and tele comm Engineering.2007,Amravati University India****Other Training:****Title : Programming in PLC, SCADA, HMI & A.C. Drives** Institute : Simcon. Pvt. Ltd., Pune.PLC : Allen-Bradley Micrologix Series, Allen-Bradley SLC 500 Series Siemens S7 200, 1200,300, 400H, RTU Mox system.SCADA : Wonder Ware in Touch, Winn CC. Simatic Manager, TIA Allen-Bradley RS-View32, FT SE, FT ME. DRIVES : AC Drives (Allen-Bradley Powerflex4) Certificate : 1) Rockwell Automation Dubai, UAE 2) Siemens Dubai, UAE.Experience Brief* Communication Protocols working with DH+, DF1, DH485, Control Net, Ethernet, Modbus TCP/IP, Profibus PA/DP, Fiber Optic, Radio Protocol: MODBUS RTU/ OPC
* Programming according to IEC-61131-3 that defines five programming languages: FBD (Function block diagram), LD (Ladder diagram), ST (Structured text, similar to the Pascal programming language), IL (Instruction list, similar to assembly language) and SFC (Sequential function chart).
* Study and analyze RFQ requirements like Instructions to Bidders, Technical Specifications, P&IDs and preparing System Architectures, BOQs, Drawings and Solution Presentations
* Preparing project cost schedule for materials, engineering and commissioning man-power and discussing with management for bid strategy and profit margins.
* PLC Logic Development of PLC/SCADA based fully automatic water treatment plants for commissioning & testing at various locations worldwide. PLC program preparation for Simplex/ Redundant design/implementation.
* I/O List preparation, P&ID design, Electrical Wiring/GA Drawings, Function design specification (FDS), FAT/SAT Procedures, Single line diagrams, Control philosophy, PLC/HMI Tag data base, VFD Testing/Configuration, Logic diagram preparation, PLC System Architecture, preparing material submittal.
* Application requirement & Technical discussion
* Excellent analytical, problem solving and organizational skills.
* Quick adapting ability to any kind of Industrial Automation system.
* Material Procurement from vendor.
* Monitoring & Supervision of Panel manufacturing.
* Development of application software.
* Conducting Factory Acceptance Test/Site Acceptance Test.
* RFQ Issued by ERP software.
 |
|

|  |  |
| --- | --- |
|  Employment Record:* **2011 – Present**

 **Metito Overseas Limited** **(UAE)**  As a Control and Automation  Engineer* **2009 – 2011**

 **Metito Overseas Limited** **(Qatar)** As a Automation Engineer * **2007 – 2009**

**Cotmac Electronics PVT LTD ( India)**Automation system EngineerSkills Summary:* Support and manage multiple projects in the areas of Real Time Information Management Systems, MES, PLC, DCS, SCADA, Maintenance Reliability & Asset Performance management System.
* Provide advice and assistance to Operations and Projects Divisions in determining strategic decisions, Identifies opportunities and requirements for improvements

.  |   Current working location Sharjha, UAE. Total years of Exp 7-8 years. Detailed Work Experience2011 – Present Metito Overseas Limited, Sharjah, UAE**Position: Control and Automation Engineer.****Responsibilities:** Design, Development PLC / HMI, Testing and FAT etc.Oil & Gas projects.1. All designing done as per SIL2 method system used RA CPU L-62 for DM

 plant Development of PLC program by SIL2 block and SCADA Program for the application. Documentation work Involved to obtain the approval for documents and co-ordinate with client for their  Queries, (**Turkmenistan).**1. All designing done as per standard Specification system used RA CPU L-71 for Ro Package Development

 Start up project site visit. (**Oman Oil Company E&P LLC**)1. Australia GLNG RO plant SCADA and PLC Program Development and visited the site for Technical Support to Commissioning Team. (**Bechtel Consultant, Australia**)

 Experience of Rockwell Automation systemSimplex System :* Allan Bradley Simplex system CPU L35, FT View SCADA.

Below projects done. 1. RO Project Capacity 1700 m3/day, Qatar.
2. STP Project Capacity 2700 m3/day, Dubai Sky Court, Dubai
3. STP Project Capacity 2300m3/day, Ghayathi, Abu Dhabi
4. The Complete Designing of Al-Ruqai STP Project for Saudi Arabia

Redundant System * Allan Bradley Hot Redundant system CPU L61, L71, FT View SCADA

 ver.: 6.0, 6.10.Below projects done. 1. STP Project Capacity 2300 m3/day (Barzan), Qatar
2. Tanker Receiving Station Project Lusail City, Qatar
3. The Complete Designing of Tanker reception Project for Qatar Ashgal
4. The Complete Designing of Kuwait STP Project
5. Bida Mutawa STP project, Abu dhabi,UAE
6. Mirfa STP project, Abu Dhabi,UAE

Pumping Station projects :* Bahrain Reef Island project designed for PIT system, 250 PIT’s signal taken by wireless Radio tech system and communicate with RA CLX 5000 by Modbus Prosoft MVI56-MSMR module. Documents prepared for Handover System architecture, SAT & User Manual.
* Dubai Jumaira Golf State project done for PIT system, 360 Pit’s signal taken by wireless Radio tech system through Modbus to CLX 5000 RA, PIT’s to Control room max distance is 3 KM and Vacuum Pumping station designing and commissioning done.
 |
|   |

 |
|  * Prepare purchase requisitions, carries out technical evaluation of bids and negotiates with bidders. Vendor Pre-qualification, Bidding, Negotiation, Selection, Co-ordination& schedules, Contract Management.
* Project management, report writing and presentation skills, team leadership and motivation
* Coordinates with various disciplines in the plant, such as Operations, Technical Services, etc.on instrument/control related issues to ensure high plant reliability and safety.

  |   Experience of Siemens system* Simatic S7-300/400 TIA programming and S7-1200
* Programming parameters assignable blocks
* Programmed documentation and back up.
1. The Complete Designing of Kuwait STP Project system used S7-300.
2. The Complete Designing of KSA STP Project system use redundant S7-400H
3. The Complete Designing for ADNOC Ruwaise housing complex STP project

System used S7-1200**Achievements:*** Gained experience in the detailed processes Automation required for wastewater system
* Basic designing documents for the relevant projects.
* Planning and management of a tight crushed work program with teams covering various disciplines being a valuable experience in coordinating multitasking activities.

**2009 – 2011 Metito Overseas Limited, Qatar****Position: Automation Engineer****Responsibilities:** Development PLC / HMI, Testing/ commissioning and FAT/ SATProjects Commissioned in Qatar on Allan Bradley:1. Loop Checking and Commissioning in the New Doha International Air port Waste Water Treatment Plant, Qatar. Used Prosoft Module to communicate with LVS 1, 2 & 3 of ABB by Modbus with Allen Bradley Control Logix 5000 PLC, Prepared SCAT documents for client Bechtel. (Capacity 27,000m3/day).
2. Loop Checking And testing STP, Client Ashgal, Al Khor, Qatar.
3. STP Plant Commissioning in Pearl Qatar (Capacity 5,000 m3/day), Qatar.
4. Qatalum STP Plant Commissioning, (Capacity 5,000 m3/day), Qatar.
5. Loop checking of RO Plant of Pearl Qatar (37,000 m3/day).
6. QPD Japan Offshore RO Plant Commissioning (35 m3/day).
7. Al-Hassad RO Plant Testing and Commissioning (1,000 m3/day).

**Projects Commissioned in Qatar on Siemens:**1. Testing and Commission of 8 Filter of Waste Water Plant in Qatar Steel, Qatar
* System S7-400, 414-2DP with 3 remote I/O’s profibus network.)
1. Loop checking & commissioning of S7-200 of Sand Filter system in NDIA, Qatar.
2. Modification and Testing of Program S7-200 Gray Water System in City Centre, Qatar.

**Achievements:** * Working closely with the PM from initiation stage up to project close out was a great opportunity to gain experience in setting up the project execution, work processes, coordination of design input from the different specialties, coordination of site works and utilities design.
 |
|  **Proposal Work** :1. Based on requirements, provide best estimation for Control system design.
2. Scope of work is comprehensive Engineering, Factory Testing and supply of PLC based control panel.
3. COMMENTS and EXCLUSIONS consideration
 |  **2007 - 2009Cotmac Electronic Private Limited, India****Position: Automation System Engineer** Responsibilities:* Worked as a Project Engineer.
* Thorough Study of Electrical Drawing.
* Maintaining Daily reports.
* Scheduling & planning the activities of further work.
* Making minutes of meeting

Projects Designed On Siemens In India:1. Logic developed & FAT given of Thermax Project of boiler S7-200, with Modbus communication & Ethernet Communication And also done a all panel test regarding this logic.
2. Logic Developed, FAT given on S7-300 of Alfa Laval Ltd, Pune.
3. Logic Testing on S7-200 of Mojj Ltd, Pune.
4. Modification in logic on S7-300 Bhaskar Industries Ltd, Bhopal

Projects Commissioned on Allan Bradley In India:1. Commissioning in SAIL steel plant- Durgapur, Kolkata
2. Driver configuration in Atlas Copco, Pune
3. Vichel tracking System (VTS) Project in Mahindra & Mahindra, Nasik.
4. Andon Board Project in Mahindra & Mahindra Co, Nasik.
5. Scada project in Mahindra & Mahindra Co, Nasik.
6. Interfacing between ENERGY METER through MICROLOGIC 1100A by Modbus to the CONTROL LOGIX 5000 and Taken a value on SCADA PROG. Sort-out pending point in logic also in Scada in Hindustan Petroleum Corporation Limited (HPCL), Vashi.
7. Sort-out pending point in SCADA in Reliance Energy Limited, Dahanu, Mumbai.

**Achievements:** * Gained the basic design and commissioning experience at the beginning of the career and developed the problem solving skills at Project Site etc.
 |