

# Arslan Ghazi

SCADA,PLC And Instrument Expert

## Contact

### Address

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## Skills

Functional requirements understanding



Very Good

P&ID Diagram Construction



Excellent

Process Control Development



Excellent

Instrumentation Design



Very Good

SCADA systems



Excellent

PLC Systems



Excellent

Talented Technical Project Lead adept at integrating resources into business operations and providing and executing innovative technical solutions to diverse issues. Strong history of managing highly effective teams to execute SCADA, PLC and Instrument projects within stringent time frames throughout middle east.

## Work History

2014-05 -  
Current

### Project and Technical Lead

*Avanceon, Dubai, Dubai,UAE*

#### Skills Learned:

#### Technical Skills:

#### I-PLC,RTU and BMS Systems:

1- Hands on Design and Commissioning Experience on HIMA H41Q and HIMA H51Q Safety Systems, Schneider (M340,M580,Quantum and Premium),

Rockwell(Micrologix,Compactlogix,Contrologix),

Siemens S71200,S7400,S7300,GE Versa max and Fanuc PLC System.

2- Hands on Design and Commissioning Experience with Automation Server BMS Systems

3- Hands on Design and Commissioning Experience on TBOX RTU System.

#### II-Logic Programming Softwares:

1- Expertise and hands on experience on ElopII(HIMA),SILworx(HIMA), Unity Pro (Schneider),

Studio 5000 (Rockwell), TIA Portal and Step 7 (Siemens) Softwares

#### III-SCADA/HMI Softwares:

1- Expertise and hands on experience on Wonderware Intouch and Archaestra, Simatic WinCC, Factory Talk, Vijeo Citect, Vijeo Designer and GE IFIX SCADA Softwares

2-Hands on Experience with Building operation logic and HMI Software

#### IV- Instrumentation:

1- Expertise with various types of Instrumentation (Level, Flow, Temperature, Pressure Instruments and Control Valves, Shutdown Valves etc)

2- Have designed, procured and Commissioned various type of Instruments of make such as **E&H, Siemens,**

Budget administration



Very Good

Project oversight



Very Good

Schedule Management



Very Good

Scope development



Very Good

Documentation  
Management



Very Good

Quality Assurance



Very Good

**Rockwell, Honeywell, WIKA, Emerson, ALFA Itork, Delta Controls.**

**V- Programming Skills:**

**1- Python, C++ and Tableau**

**VI- Expertise with Modbus (RS485 & TCPIP), Profinet, Foundation Fieldbus protocols**

**General Skills:**

**1- Team Leadership:** Currently leading a team of 5+ Application Engineers, 2 Procurement Engineers and 20+ Technicians on various projects throughout Middle East.

**2- Client Handling and Customer Satisfaction:** Have successfully closed projects with clients such as PepsiCo, Unilever, Nestle, Worley Parsons, Qatar Public works authority (Ashgal) Qatar general Electric (Kahrama), Lusail Infrastructure, DEWA, EMPOWER, SAUDI ARAMCO and many other giants throughout Middle East and have achieved high customer satisfaction.

**3- Communication Skills:** Possess very good English Communication skills. Have a valid overall **8 Band in IELTS.**

**4- Negotiation and Budget Management:** Have successfully procured and managed budget for projects upto \$10 Million worth.

**Major Projects:**

**1-2014 to 2018 -Lusail CP1 Tunnel:**

Role: Commissioning Engineer Project Worth: \$20 million  
Project Details: Tunnel Ventilation system for utility tunnel. Avanceon supply included SCADA system and redundant PLC system.

Total tags: 350k+

**2-2019 to ongoing -Lusail CP7 Tunnel ITS SCADA:**

Role: Project lead Project Worth: \$10 million  
Project Details: Tunnel Ventilation system for utility tunnel of Lusail CP07. Avanceon supply included SCADA system and Intelligent Traffic signaling (ITS) and PLC system. Total tags: 350k+.

### **3-2014: Command and Control Center for Empower District Cooling Plant**

Role: Commissioning Engineer Project Worth: \$5 million

Project Details: The project provided largest SCADA system for any district cooling plant and integrated sites spread throughout Dubai.

Total I/Os: 100,000k+

### **4-2015-ongoing: Instrumentation and Control system for New port Project**

Role: Lead Project Engineer Project Worth: \$40 million

Project Details: The project provides Infrastructure PLC system, BMS system and Instrumentation to upcoming new port at Doha (A master project of \$ 5 Billion)

### **5-2016-Lusail Pumping Stations Control system and Instrumentation**

Role: Lead Project Engineer Project Worth: \$2 million

Project Details: The project provided PLC and SCADA system for upcoming smart Lusail City Pumping stations.

### **6-2017-Saudi Aramco Jazan Sewerage Treatment Plant**

Role: Design Engineer Project Worth: \$4 million

Project Details: The project provided PLC and SCADA system for upcoming Jazan Sewerage treatment plant (A Saudi Aramco owned facility)

### **7- 2018- Ashgal DNMC (Drainage Network Monitoring Control):**

Role: SCADA Lead Engineer Project Worth: \$10 million

Project Details: The project provided SCADA system and integrated pumping station and other management software of Ashgal (Public works Authority) systems.

2012-07 -  
2014-05

## **Instrument and Control Engineer**

*Engro, Karachi, Sindh, Pakistan*

### **Safety** □

- PSRM (DuPont) (Process Safety Risk Management) Certified

- Scaffolding Erection procedures Certified
- Detailed Knowledge about PSRM Modules related to a Chemical Plant
- Work Permit Certified

### Assignments

- Build-up of a Honeywell DCS Flex station at CA plant of EPCL
- Development of P&IDs as per ISA standards
- Updated Instrument Checklists and Procedures to ISO 9001 Formats
- Building up of two Gas Turbine Back up HMI Stations as per Hitachi and GE standards
- Configuration of all Bypass switches of EDC/VCM plant on Honeywell DCS
- Establishing MODBUS Communication of Fire eye Flame Monitors with Honeywell DCS
- Supervision, maintenance and troubleshooting of Level ,Pressure ,Temperature and Flow Instruments
- Job coordinator for Turnaround 2013 and 2012
- Planning of preventive maintenance jobs and their Timely execution
- Plant Safety, Reliability Reporting and Detailed Investigation
- Development and Implementation of Preventive Maintenance and Surveillance plans

## Education

2008-08 -  
2012-06

**Bachelor of Science: Electronics Engineering (Major in Instrumentation)**

CGPA: 3.5/4.00

*GIK Institute - Topi, Swabi Pakistan*

## Certifications

2012-10

ABB DCS 800F

2019-03

Eco structure Control Expert Professional (Wonderware + Vijeo Citect + Unity Pro)