

Amir Mahmodi

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No.2, Khoshmagham Ally, Komeyl St., Tehran



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- Profile: Male , 39
 - Nationality: Iran
 - Current Location: Iran, Tehran
 - Current position: Project Manager– CCTV and Paging system
 - Company: SARIAK - Telecommunication Project Manager
 - Preferred Locations: Anywhere in Iran
 - Salary expectation: Negotiable

Education

- Bachelor of Science in Electrical Engineering
Sep 2001 – Feb 2003 Azad Islamic University

IT Skills

Windows & Office tools

- MS Office (Word, Excel, Access,..) Expert
- MS Project Expert

programming languages

- C++ Advanced
- Assembly Advanced
- basic Advanced

Operating systems, Networking & Hardware

- Matlab Intermediate
- CodeVision AVR C Compiler Advanced
- Protel Advanced
- Auto cad Advanced
- PLC (SIMATIC S7), DCS System Advanced
- Conval (for design and calculating Flow Elements) Advanced
- Flowel (for design and calculating Flow Elements) Advanced
- Flow Consultant Advanced
- Primavera Inter price 6.0 Advanced

Skills

- **Engineering of Close Circuit Television (Pelco) and Paging System (Industronic) also**
- Remarkable experience in Industrial instrumentation and control systems.
- Ability to design and prepare **engineering documents and drawing** such as **JB wiring, Block Diagrams, I/O list, Power Consumption, Cause and Effect, Cable Rout** & other technical documents.
- Design, Calculation, Preparations technical proposal and quotation, Supervision, Commissioning and operating Public Address and General Alarm System {**Paging and control Panels, Intercom (Speakers and Intercoms), Main Panels, Telephone panels, Alarm Device, other related instrument device**}.

- Ability to **Engineering, Design, Assembly & Configuration** (PELCO, AXIS, BOCOSH,) CCTV (SIEMENS, INDUSTRIONIC, FEDERAL SYSTEM, NEUMANN), PAGING system (INNOVAPHONE, SIEMENS,), TELEPHONE system
- Familiarity with **instrument design, specification and documentation.**
- Ability to troubleshoot instruments and **Safety Instrumented Systems.**
- Ensure compliance with **safety requirements and standards procedures.**
- Having knowledge on Proportional **Integral Derivative (P I D) controllers.**
- Having good knowledge on testing equipment like HART communicator:
 - **Current to pneumatic (I/P) converters**
 - **Calibration of temperature controllers**
- Ability to interpret **electrical schematic and technical drawings**
- Background in the principles and practices of electrical generation, engineering design and construction.
- Repaired AC/DC circuits, 3-phase circuits (480 and 240 volt)
- Installed, removed, repaired, overhauled and tested electrical equipment, both alternating and direct current.
- Monitored, installed and maintained electronic and electrical related equipment through the coordination of maintenance teams.
- Designed, developed, tested, and supervised the manufacturing and installation of electrical equipment, components, and systems for commercial, and industrial.

WORK EXPERIENCE

Nov 2013 - Present

SARIAK Integrity Solutions

Tehran , Iran

Project Engineer- Instrumentation- Paging and Intercom detection department

- Telecommunication, CCTV , PAGING & INTERCOM Systems in engineering, construction and service for control, supervision and optimization of production processes, competence and reliability create the basis of an efficient partnership for:
 - Oil, Gas, Petrochemical Plants
 - Chemical Plants
 - Power Plants
 - Steel, Copper and Cement industries

My Responsibility:

- Design, Engineering, assembly and software configuration MAIN panels, Public address and general alarm system (both addressable and conventional), Paging system, (INDUSTRONIC, LELAS, NEUMANN, FEDERAL SYSTEM, KENTEC, SIEMENS,..)
- Supervision and commissioning Paging Systems(PLC Base & Microprocessor Base) and Public Address systems
- Design and prepare engineering documents and drawing such as JB wiring, Block Diagrams, I/O list, Power Consumption, Cause and Effect, ...
- Design and engineering Industronic system(By Their Software), software and monitoring configuration

Some of the Projects that I administered:

- South Pars Paging Development Phase 12 (EPC1, EPC2, EPC3),
- South Pars Paging Development Phase 20&21, Paging System
- **KHARG MEG Plant, Paging System**
- South Pars Paging Development Phase 12 (EPC2), Paging system and Paging System
- **DAMAVAND combined cycle power plant, Paging System**
- **BANDARABBAS petroleum plant, Paging System**
- **SUNGUN Copper Concentrator**

2007 - 2013

Micro Narm Afzar Company

Tehran , Iran

Instrument Engineer & Project management

- Engineering supply parts and assembly and calibration Pressure & Differential Pressure transmitters, Temperature Transmitters and sensors, Thermowells, Flow Primary elements (Orifice Plates, Nozzles, Wedges, Pitot Tubes,...), Recording Papers and Pens, Level Equipments & other instrument equipments

My Responsibility:

- Instrumentation and Control Engineering Part
- Installation, calibration and loop checking of the field instruments (Specially ABB, Emerson Rosemount, Endress & Hauser, Bentley Nevada, Honeywell, Yokogawa, Vega,...)
- Troubleshooting of PLC system (Siemens S7) and faults diagnosis
- Design and calculating Primary Flow Elements By Conval, Flowel and Flow Consultant Software (Calculating and Design Orifice Plate, Venturi Tube, Wedge Meter, Pitot tube,...)
- Maintenance and Calibration of Transmitters PT, LT, TT, DPT (Emerson Rosemount, Endress & Hauser, Specially ABB ,....) and ABB Transducers.

Some of the Projects that I administered:

- South Pars Gas Development Phase 13
- South Pars Gas Development Phase 19

2006 - 2007

SAMSUNG Factory

Tehran/Karaj , Iran

Technical advisor/ supporter

Samsung Co. we design and fabricate various types and sizes of LCD and LED, according to internationally accepted rules, such as Television, Monitor, CRT, LCD, etc. Produce copper-alumina Nano composite which is a high conductivity high temperature resistant material and has a broad range of industrial applications.

My Responsibility:

- Design of switch mode power supply for Industrial furnaces
- Design command and control circuit boards and control valves for industrial burner.

Feb 2004 - Sep 2005

LG headquarter

Tehran , Iran

Technical Supervisor

- LG: Consultation and supervising design and implementation in different phases.

My Responsibility

- Performed transmission, distribution and substation line switching, sectionalizing and fusing.
- Construct, maintain and repair overhead/underground electrical distribution, transmission and substation systems including such things as stringing of wire

TRAINING PROGRAM ATTENDED

- Attended Certified Training Course (QCS) with practical on “ABB DCS – ACCURAY 1190 – QCS SYSTEM” Conducted by ABB, ABB by Pars Jahd Industrial Group

LANGUAGES

English Fluent

English	Reading	Listening	Writing	Speaking
	good	good	good	good