

Ashkan Varaharam

E-Mail: varahram.ashkan@gmail.com
Website: www.varahram-projects.ir
Mobile: +989113799937



Personal Profile

An Electrotechnical and instruments engineer with over 15 years of experience in industrial automation projects focused on PLC and HMI programming , Electrical designing , analyzing , installing , troubleshooting , fault finding, and maintaining in the huge industrial areas . Detail - oriented and expert in industrial automation projects and proficient in Electrical and Electronic designing, Microcontrollers programming and industrial network protocols. Thanks to my innate desire to progress. Flexibility for a business trip, Self - motivation, excellent research ability, and working under pressure, I am confident that I will be an effective and valuable candidate.

Education

2013, B.Sc. Control and instrument Engineering, Mirdamaad University, Gorgan, Iran

Career History

- ◆ **Technical Engineer, Fararun Industrial Group, Gorgan, Iran, 2017 August - Present**
www.fararun.com
 - Automation team management; electrical circuit designer and programmer of PLCs and HMIs for factories in various industries.
 - Electrical redesign, overhaul and programming of a large number of machines in various industries
 - Design of controllers and electronic modules
 - Autonics products sales representative
- ◆ **Project oriented freelancer for April 2012- August 2017**
www.varahram-projects.ir
- ◆ **Automation & Maintenance Electrical Technician ,North Melt Industries – Agh Qala, Iran, May 2008–April 2012**
www.nmco.ir
 - Team manager of development, analyzing and regular reviewing of PLC/HMI programs using functional design specification.
 - Designer of electrical cabinets, diagrams, and calculating parts list using Eplan.
 - Project manager of assembly, installation, startup, and maintenance.

Key Skills

Executive of more than a hundred projects in the field of industrial automation.

To see my projects, please visit this website: www.varahram-projects.ir

- PLC Proficient (Siemens TIA portal, SIMATIC Manager, Beckhoff TwinCAT3, LS XG5000) IEC 61131
- HMI Proficient (Siemens Wincc, Weintek EasyBuilder Pro, LS Xpbuilder)
- Proficient in PLCs programming languages, especially **ST** (SCL) and **SFC** (Graph)
- Expert in Eplan P8 , AutoCAD Electrical
- Communication networks expert (Profibus ,Profinet, Modbus)
- Proficient in electronic designing and Microcontroller programming(PIC and AVR family)
- Excellent knowledge of machines and industrial processes and their repairs
- Highest level of understanding in the area of control logic
- Familiarity with hydraulic and pneumatic circuits
- Familiarity with CNC machines systems and Servo mechanisms
- Familiarity and experienced in dealing with problems related to electrical noise and earthing

Certificates

- TwinCAT PLC 3 Training Course in 2023 : www.nicmehr.com
- S7 Profibus – Mabna Research & Training Center 2012
- CNC control system operator 810d and programming course in 2010 : www.upcco.net/en/
- Technical & Vocational carver certificate of PLC grade 1 in 2009
- Technical & Vocational carver certificate of PLC grade 2 in 2009
- Technical & Vocational certificate of the repairer of injection fuel system in 2009
- Technical & Vocational certificate of engine and gearbox repairer in 2009
- CNC machines repair and maintenance course - Iran Industrial Research and Education Center 2008
- Technical & Vocational certificate of black and white TV repairer in 2002
- Technical & Vocational certificate of industrial electrician grade 2 in 1997

Additional Skills & Interests

- Programming with C# language
- Familiar with Omron and Delta PLC programming
- Software Skills: MicroWIN Step7, LOGO!, MATLAB, CCS Pic, CodeVision, Visual Studio, SQLServer, Solidworks, Microsoft Office programs ,Photoshop , CorelDraw
- Familiarity with GLP standard
- Sports coach
- Interested in: cards, chess, swimming , study
- Driving License Class B

Languages

- German – A1
- English – B2
- Persian(Native)