

KEYVAN GOUDARZI

Industrial automation programmer and designer

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www.keyvanGoudarzi.com



OBJECTIVES

A motivated individual with knowledge of industrial automation System Engineering, looking for a dynamic and progressive company where my skills are utilized in the maximum way possible. Offering experience in PLC software and hardware design and development, as well as integrating software solutions according to requirement specifications.

PROFESSIONAL SUMMARY

- Over 6+ years of experience in analysis, design, development, and testing of PLC systems.
- Experience in working with PLC, motion controller and CNC controller.
- Proficiency in PLC programming languages and tools.
- Good knowledge of electronic hardware and use of measurement/debugging tools.
- Expert skills in automation system designing using PLC controller.
- Good experience in Industrial Automation with manufacturing over 200 testers/production machines
- Good knowledge of production line, automation device and automation Equipment.
- Expert skills of industrial Network.

SKILLS

Programming Languages	Embedded C, LabVIEW, Ladder, SCL, STL, PLC Language
Platforms	PLC, Motion control, CNC control, robot 6Axis
IDEs	LabVIEW, TIAPORTAL, WinCC, XG5000, Winproladder , ...
Interfaces	Ethernet, RS232/RS485, ADC, DAC, CAN.
Communication Protocols	TCP, UDP, Modbus, Can-Open, Profinet, Profibus, Ethercat.
Computer Software	MS Excel, MS Project, MS Visio
Hardware Design	Autocad Electrical
Languages	Persian: Native language English: Upper intermediate (reading); intermediate (speaking, writing, listening)

EXPERIENCE

Jun. 2022 – PRESENT	Crouse P.J.S. <i>Position held: Senior Expert Automation</i> <ul style="list-style-type: none">• Design and implementation of automation production line• Motion control system programming• Communication and launch of 6-axis robots• Timing and leader of automation device construction projects• CNC startup with new controller• Vision processing with Sensopart moduls Key Skills: Project Management, System Requirement Analyst, Ethercat, Profinet, Motion Control, Robot 6-Axis	Tehran, Iran
Jan. 2018 – Jun. 2022	Crouse P.J.S. <i>Position held: Automation Engineer</i> <ul style="list-style-type: none">• Programming of production line devices, laboratory with PLC and LabVIEW• Electrical industrial drawing• Networking and syncing production lines• Setting up a connection with the database through PLC and LabView Key Skills: LabVIEW, Embedded C, SQL-Database, Communication Protocol (Ethernet, Modbus, CanOpen)	Tehran, Iran
Sep. 2016 – Jan. 2018	Tadbirgaran <i>Position held: Petrochemical Automation Engineer</i> <ul style="list-style-type: none">• Installation of petrochemical control systems• Review and analysis of multiple control systems Key Skills: Keil, Embedded C, LPC Chip, Network, HSE	Tehran, Iran

Awards & Honors

- ✓ Ranked 400th in the national university entrance exam for BA degree in electronic, 2012

INTERESTS

Technical	Developing PLC systems software and hardware, motion control, Network Industrial
Non-Technical	Mountaineering, Swim

REFERENCES

Available in the following Link: www.linkedin.com/in/keyvan-goudarzi