

KEYVAN GOUDARZI

Position held: Senior Industrial Automation Engineer | PLC & Robotics Specialist

PERSONAL INFORMATION

 [Azadi Square, Tehran, Iran](#) |  (+98) 9195665899 |  Keivan.Automation@gmail.com
 LinkedIn: www.linkedin.com/in/keyvan-goudarzi |  Website: www.keyvangoudarzi.com

OBJECTIVES

Although I bring over 6 years of experience in industrial automation, I am excited to apply my expertise to this position because I am eager to bring my skill set to [specific role/industry]. My experience has given me a strong foundation in [specific skills], and I believe I can contribute to your team by leveraging this knowledge while continuing to grow in a new environment. I am particularly interested in the opportunity to [mention a specific aspect of the role or company that excites you], and I am confident that my diverse background will allow me to make a meaningful impact.

PROFESSIONAL SUMMARY

As a Senior Industrial Automation Engineer, PLC & Robotics Specialist, I bring over 6 years of comprehensive experience in PLC programming, robotic systems, and motion control. I have proven expertise in designing and implementing advanced automation solutions to optimize production lines, enhance operational efficiency, and reduce costs.

SKILLS

- ✓ **Programming & Development:** Embedded C, LabVIEW, Ladder, SCL, STL, PLC Programming.
- ✓ **Platforms & Controllers:** PLC, Motion Control, CNC, 6-Axis Robots.
- ✓ **Software & IDEs:** TIA Portal, WinCC, LabVIEW, Winproladder, XG5000, SCADA.
- ✓ **Communication & Networking:** TCP/IP, UDP, Modbus, CAN-Open, Profinet, Ethercat, OPC Server.
- ✓ **Hardware Design:** AutoCAD Electrical.
- ✓ **Languages:** Persian (Native), English (Upper Intermediate).

EDUCATION

- ✓ **Bachelor's Degree in Electrical Control Engineering**
Imam Mohammad Bagher University, January 2011 – October 2013
- ✓ **Associate Degree in Electronics**
Amirkabir University of Technology, January 2009 – July 2013

EXPERIENCE

June 2022 – Present Crouse Company | <https://crouse.ir/>

Tehran, Iran

Position held: Senior Expert Automation

- Designed and implemented automation solutions for production lines, increasing production efficiency by 25%.
- Developed motion control systems and robotic automation solutions, which reduced maintenance costs by 30%.
- Optimized CNC system setup, reducing cycle time by 20% and increasing throughput.
- Integrated 6-axis robotic systems and executed motion control programming, improving product consistency and quality by 10%.

Position held: Automation Engineer

- Programmed production line devices and laboratory systems using PLC and LabVIEW.
- Designed industrial electrical schematics and implemented communication protocols.
- Achievement: Established database connections through PLC and LabVIEW, streamlining data management.
- Optimized networking and synchronization of production lines.

Position held: Petrochemical Automation Engineer

- Installed and configured petrochemical control systems.
- Conducted analysis and optimization of multiple industrial control systems.
- Key Skills: Embedded C, Keil, LPC Chip, Network, HSE.

SELECTED PROJECTS

1. [Automotive crankshaft sensor welding machine](#)
2. [fixed O-ring seal ASM Master cylinder](#)
3. [Automotive Airbag Assembly Line](#)
4. Insert Bush automotive manifold
5. automotive oxygen sensor production line
6. [multi-Tester Injector Automotive](#)
7. [Booster valve automotive machining](#)
8. Screwing automotive PCB Airbag Control Unit
9. [General Coating PCB](#)
10. [Insert membrane And Vision Process automotive ECU](#)
11. [Sealing & Screwing Robot And Vision Process automotive ECU](#)
12. Injection TIM Frame PCB automotive ECU
13. [General Hot Plate Welding](#)
14. Wholesale wire cutting and stripping machine
15. Crankshaft sensor performance tester
16. CNC milling 4-Axis
17. [Automatic strap nut](#)
18. [Automotive Caliper Production Line](#)
19. SCARA Robot

Awards & Honors

- ❖ Ranked 400th in the National University Entrance Exam for Electronic Engineering (2013)
- ❖ Developed and deployed over 200+ industrial automation projects
- ❖ Optimized production processes at Crouse P.J.S., reducing failure rates by 15%

INTERESTS

Technical: Developing PLC systems, motion control, and industrial networking

Non-Technical: Mountaineering, Swimming

REFERENCES

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

Available in the