

Kianhydraulic.com

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Personal Information

Date of birth: 3.9.1987 / Iran

Marital status: Married

Nationality: Iranian



ABOUT ME

I have relevant experience in industrial Automation, monitoring and mechatronics. I have over a decade experience in hydraulic and pneumatic design and training, industrial hydraulic and learning systems consultation. I have been working as a FESTO trainer since 2010 with more than 1700 trainees.



WORK EXPERIENCE

Head of Hydraulic-Automation Department (Jan 2019 - Present)
Kian Control Engineering co. (Festo Isfahan), Isfahan

- Industrial automation consulting
- PLC programming (Siemens TIA)
- Electrical and control circuit design
- Teaching hydraulic training courses
- Teaching pneumatic training courses
- Design of industrial hydraulic systems
- Consulting and analysis of hydraulic and pneumatic systems in the cement, steel, petrochemical and oil industry

Automation Engineer (Feb 2015 – Dec 2018)
Kian Control Engineering co. (Festo Isfahan), Isfahan

- Industrial automation and hydraulic systems design and installation
- Siemens PLC programming (Simatic Manager S7)
- Mini PLC (LOGO) programming
- Festo products expert
- Electrical, automation circuits design by Eplan
- Design and simulation of hydraulic systems
- Design and simulation of pneumatic systems
- Equipping industrial automation and mechatronic learning systems by Festo

Junior Designer (Mar 2007 – Jan 2015)
Kian Control Engineering co. (Festo Isfahan), Isfahan

- Design and simulation of simple electrical and pneumatic circuits (Eplan 5.5, Electrical Autocad, Fluidsim)
- Electrical cabinet assembly
- Pneumatic 's blocks assembly
- Siemens mini plc (LOGO) programming

INTERESTS & HOBBIES



EDUCATION

Bachelor's Degree

Azad University of Khomeinishahr
Power Electrical Engineering

M.S. Degree

Azad University of Khomeinishahr
Mechatronics Engineering

High School

Sama High school
Isfahan
Majors:
Mathematics

SPECIAL KNOWLEDGE

languages

- Persian (Native Language)
- English (Professional working proficiency)
- German (B1)

IT-Knowledge

Office-Word	■ ■ ■ ■ ■
Office-Excel	■ ■ ■ ■ □
Office-Powerpoint	■ ■ ■ ■ ■
Email	■ ■ ■ ■ ■
Adobe Photoshop	■ ■ ■ ■ □
Internet	■ ■ ■ ■ □

Personality Characteristics

- Creative
- Hard-Working
- Optimistic
- Loyal
- Patient
- Adaptable

CERTIFICATES

Jan. 2005	Industrial Pneumatic - FESTO
Aug. 2008	Industrial Hydraulic - FESTO
Sep. 2008	Advance Hydraulic - FESTO
Mar. 2009	Proportional Hydraulic - FESTO
Okt. 2009	Sensoric - FESTO
Aug. 2012	Mechatronic - KIAN CONTROL
Apr. 2016	Train The Trainer (TTT) - FESTO
Mar. 2018	PLC I - FESTO
May 2018	PLC II - FESTO
Jul. 2018	Monitoring WINCC - FESTO

OTHER ACTIVITIES

- Expert of mechatronic national skills 2013, 2014
- Execution of hydraulic, automation and mechatronic short-term seminars
- Design and construct of PLC and hydraulic 's learning systems

PROFESSIONAL SKILLS

- Design of electrical plans with EPLAN
- Design of the pneumatic and hydraulic circuit diagrams with E-Plan Fluid
- Creation of templates and macros for EPLAN
- Development of control cabinets for assembly systems
- Design and calculation of electrical and control components
- Electrical Design and assembly plans
- Compilation of electrical documentation
- Creation of parts lists, spare parts lists and technical documentation

EPLAN P8 & FLUID

- Programming of Siemens PLC s
- Documentation of the PLC programming
- Programming with SIMANTIC S7, WinCC and TIA
- Troubleshooting in the running process

PLC
Programming

- Planning, execution and assembly of projects in the field of hydraulics
- Planning, execution and assembly of projects in the field of pneumatics
- Inspection, repair and maintenance of hydraulic units
- complete project planning of hydraulic systems (from dimensioning to acceptance in production)
- Execution of the final tests of the manufactured components

HYDRAULIC &
PNEUMATIC



ACHIEVEMENTS - PROJECTS

- Design and calculation of 1200 ton hydraulic extrusion system
- PLC programing: Soft starting and soft stopping for hydro-motor in Beveling machine.
- PLC programing: Copper pipe bender machine.
- PLC programing: Bandar Abas power plant 's Air Dryer.
- PLC programing: Isfahan Petrochemical complex 's Air Dryer.
- Electrical design and assemble of control cabinet for three Air Dryer systems.
- Electrical design and assemble of PLC cabinet for Isfahan power plant (BMS)
- Design of control cabinet for glass furnace.
- Design and construction of hydraulic block of several melting furnaces with a maximum capacity of 20 tons
- Design and commissioning of hydraulic and control systems of several industrial lifts up to 10.000 Kg.
- Hydraulic system of Gap control (Hosch Machine): design and installation in Iran Spiral company.
- Hydraulic system of Great Cooler and Grinding Roller consultation in Lamerd cement complex.
- Hydraulic system of Great Cooler and Grinding Roller consultation in Sepahan cement complex.
- Advice on changing the hydraulic oil (HFA to HFC) in the steelmaking unit in Mobarakeh Steel complex.
- Consultation in installation of hydraulic systems (Reformer head, Coil compactors, Coil cars) in Natanz Steel complex.