



## Arya Vaziri

Date of birth: 17/07/1989


Nationality: Iranian

Gender: Male

### CONTACT

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### ABOUT ME

I'm an enthusiastic and entrepreneur minded industrial engineer and product designer who has designed, built, automated and installed numerous industrial machines. I've worked as a project manager and product designer who has many years of experience (+5 years) with various industrial mechanical machines and electronical equipment such as PLC in order to produce innovative products and solutions.

### EDUCATION AND TRAINING

09/2007 – 01/2014 – Isfahan, Iran

#### B.Eng textile engineering

Isfahan University of Technology

[iut.ac.ir](http://iut.ac.ir)

01/2019 – 09/2019

#### Professional frontend development cert.

Tehran Institute of Technology

[www.mftplus.com](http://www.mftplus.com)

### WORK EXPERIENCE

05/2019 – CURRENT – Tehran, Iran

#### Chief Product Designer and Board Member

Arooz industrial valve

This start-up is established to supply a wide range of industrial products and solutions.

- Designed, produced, and assembled pneumatic angled seat valves .
- 3D modeling using Solidworks.

11/2019 – 05/2021 – Tehran, Iran

#### Product Owner and Chief designer

Arya machinery

- Design energy-saving high-temperature fabric dyeing machines, including full automated system using pneumatic valves and PLC controller.
- Responsible for designing UI/UX design and digital architecture of the system.
- Scrum master responsible for a team of 4 including TIG welders and engineers.
- Procurement Management.
- Organize out-sourced activities such as laser cut, casting and rolling.

01/2014 – 08/2018 – Tehran, Iran

#### Maintenance and repair engineer

Alvan naghsh pood

- Automate all product line machines, containing dyeing section and finishing section.
- Build first high-temperature fabric dyeing machine in Iran.
- Overhaul product line, fixing and repairing broken parts, as well as building new parts..
- Experience in sheet metal work such as 2D and 3D designing, cutting, grinding, rolling, bending, and different kinds of welding, including TIG welding process.
- Assemble a 1988 Stork printing machine, fully repaired, revisioned, installed, and PLC-controlled automated.

03/2010 – 04/2021 – Safadasht, Iran

## PLC programmer and developer

Mehrsan machinery

- programmed PLCs and helped to improve proficiency, including textile finishing machines such as dryer, balloon squeezer, tube fabric thermofix and compactor.
- Overhauled the factory and upgraded industrial modern systems.

06/2008 – 01/2014 – Tehran, Iran

## Trainee

Alvan Naghsh Pood

- Learnt about textile machinery.
- Became familiar with automation systems.
- Operated various types of machines.
- Worked in chemical laboratory, for example color similarity with fabric dyes.
- Worked with tools and lathing machine.

2009 – 2010 – Isfahan, Iran

## Trainee

Diba control

- Industrial electric equipment manual assembly.

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Persian

**OTHER LANGUAGE(S):**

English

**Listening**  
C1

**Reading**  
C1

**Spoken  
production**  
B2

**Spoken  
interaction**  
B2

**Writing**  
B2

## DIGITAL SKILLS

Microsoft Office / Microsoft Project / AutoCAD / Python / Raspberry Pi / PLC / HTML / CSS / Javascript / JQuery / CNC milling / Industrial Electricity / Autodesk AutoCAD (Optimal Knowledge) / Solidworks (Professional Proficiency) / ICS/SCADA

## HOBBIES AND INTERESTS



### **TIG welding**

I've learnt how to weld stainless steel with TIG welding process practically until intermediate level.



### **Molding and CNC-machining**



### **Camping**



### **Singing**



### **Travelling**



### **Music**



### **Skiing**



### **Teamwork**



### **Meditating**



### **Safari driving**

## COMMUNICATION AND INTERPERSONAL SKILLS



### **Effective interpersonal skills**

- Leadership.
- Teamwork.
- Responsibility.
- Flexibility.
- Crisis management.
- Motivation.
- Innovation.

## PROJECTS



**06/2021 – 11/2021**



### **Timber autoclave**

- Designed, assembled and automated a wood treatment machine.



**07/2021 – 09/2021**



### **Wax dosing machine**

- Electricity and automation of a wax dosing machine.
- Helped with giving advices about the machine's hydraulic system during building procedure.



**03/2020 – 05/2020**



### **Tubular compactor**

- PLC programming and automation of first Iran-made Tubular fabric compactor machine for Mehrsan machinery.

## HONOURS AND AWARDS



**2004**

**Student mathematics Olympiad**

## RECOMMENDATIONS

- Dr. Shahram Seyyed – CEO at Alvan Naghsh Pood – [shahramseyed@gmail.com](mailto:shahramseyed@gmail.com)  
– (+98) 9121838857  
My manager at Alvan Naghsh Pood.
- Dr. Akbar Khoddami – Associate professor – [khoddami@cc.iut.ac.ir](mailto:khoddami@cc.iut.ac.ir) – (+98) 313 3915033  
My professor at Department of Textile Engineering.
- Dr. Hossein Tavanaee – Associate professor – [tavanai@cc.iut.ac.ir](mailto:tavanai@cc.iut.ac.ir) – (+98) 31339 15030  
My supervising professor at Isfahan University of Technology.
- Asghar Mehri – CEO at Mehrsan machinery – [mehrsan.machinery@gmail.com](mailto:mehrsan.machinery@gmail.com)  
– (+98) 9122648721  
My manager at Mehrsan machinery.