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PROFILE

I'm a former industrial engineer who has experience in manufacturing and electrical automation, especially in the textile industries. While working in this field, I became increasingly interested in the role that technology plays in driving process improvement and efficiency. This led me to pursue self-studying software development, where I gained hands-on experience with programming languages like JavaScript, Python, and C#, as well as popular development tools like Git and Docker.

My experience as an industrial engineer has given me a unique perspective on the challenges facing businesses today, and my development skills allow me to create effective solutions that leverage technology to streamline processes and optimize outcomes. I am eager to continue developing my skills and contributing to the development community.

EDUCATION

Master of Art in Digital Design June 2023
Amsterdam University of Applied Science, Amsterdam, Netherlands

Bachelor of Science in Textile Engineering January 2014
Isfahan University of Technology, Isfahan, Iran

SKILLS

- Digital
 - HTML/CSS/JS
 - React/React Native/Redux
 - Unity (C#) + VR
 - Raspberry Pi
 - Python + Django
 - Git
 - Docker
 - nginx
 - MySQL/PostgreSQL
 - Node.JS/Express.JS
- Industrial
 - AutoCAD
 - 3D Modelling (Solidworks)
 - PLC programming
 - CNC milling
 - Molding
 - TIG Welding

WORK EXPERIENCE

Founder/Owner at Arya Machinery October 2019 – May 2021

I established a startup foundation in response to the overwhelming demand for these machines in my country, coupled with a scarcity of domestic products. Within a span of 18 months, we achieved remarkable success by successfully constructing three of these machines.

- 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.
- Organize out-sourced activities such as laser cut, casting and rolling.
- Deploy full-automatic PLC controlled system with Pneumatic Valves and Variable Frequency Drives

Co-Founder and Chief Product Designer at Arooz Valve April 2019 – August 2022

- Design, produce, and assemble pneumatic angled seat valves.
- 3D modeling using Solidworks.

Automation Engineer at Alvan Naghsh Pood January 2014 – August 2018

- Automate all product line machines, containing dyeing section and finishing section.
- Build first high-temperature fabric dyeing machine in the country.
- 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, overhauled, installed, and PLC-controlled automated.

PLC Programmer and Developer at Mehrsan Machinery

February 2010 – April 2021

- 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.