Arya Vaziri
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PROFILE

I am an accomplished full-stack developer with expertise in both frontend (Next.js, React) and backend (Python/Django, Express.js). My proficiency extends to cloud development and infrastructures, where I have experience with technologies such as Nginx, Docker, and SSL certification. My background in industrial engineering has equipped me with a logical problem-solving approach that complements my technical skills.

My recent academic background also includes studies in digital design, where I actively participated in team projects, taking on the role of a developer. This experience not only enhanced my technical abilities but also improved my communication skills, fostering collaboration between designers and developers for effective project outcomes.

I am driven by a passion for leveraging technology to solve real-world challenges, and I am eager to continue contributing to the development community by expanding my skills and knowledge.

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

CERTIFICATE

Frontend Web Design (HTML, CSS, JavaScript) — April 2020
Tehran Institute of Technology, Tehran, Iran

SKILLS

- Development
  - HTML/CSS/JS
  - React/React Native/Redux
  - Unity (C#) + VR
  - RaspberryPi
  - Python + Django
  - Git
  - Docker
  - MySQL/PostgreSQL
  - Node.JS/Express.JS
  - Graphql/Apollo server

- Industrial
  - AutoCAD
  - 3D Modelling (Solidworks)
  - PLC programming
  - CNC milling
  - Molding
  - TIG Welding

WORK EXPERIENCE

Junior developer at Mehrsan Company — May 2020 – August 2022
- Responsible for turning photoshop (or HMI screen) pages into HTML, CSS, and JavaScript.
- Utilizing RaspberryPi as a coding medium with Python to connect industrial devices to the backend service.
- Collaborate with other developers to create clean and maintainable website.
- Collaborate with the team's designer to improve user experience.

Founder/Owner at Arya Machinery — October 2018 – May 2020
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

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.