Arya Vaziri

Frontend | Backend developer

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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.

WORK EXPERIENCE

Junior developer at Mehrsan Company   May 2020 – August 2022

- Responsible for turning photoshop and HMI screen pages into HTML, CSS, and JavaScript.
- Utilizing RaspberryPi as a coding medium with Python to connect 4 types of industrial machines to the backend service.
- Collaborate with other developers to create clean and maintainable website.
- Collaborate with the team's designer to improve user experience.

Supervisor at Arian Machinery   October 2018 – May 2020

Within a span of 18 months, we achieved remarkable success by successfully constructing three dyeing 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.
- Leader of a team of 4 including TIG welders and assemblers.
- 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 product line machines, containing dyeing 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.
- Assemble a 1988 Stork printing machine, fully repaired, overhauled, installed, and PLC-controlled automated.

SKILLS

o HTML/CSS/JS	o Python + Django	o Node.JS/Express.JS
o React/Redux	o Typescript	o Graphql/Apollo server
o Next.js	o Git	o TailwindCSS
o Unity (C#) + VR	o Docker	o RESTful API
o RaspberryPi	o MySQL/PostgreSQL	

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