

TAMAS NEMETH

PROFESSIONAL SUMMARY

Self-taught software developer with eight years of experience in industrial automation, including robotics engineering. Proficient in Python, JavaScript, HTML, CSS, and C#. Experienced in software development tools such as PyCharm, VS Code, and GitHub. Skilled in frameworks like Flask, Node.js, Express.js, and React.js. Seeking to transition into a software development role to pursue passion and further career growth.

CONTACT

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WORK HISTORY

Software developer, 06/2023 to Current

Career Change

- I'm a full-time dad, focusing to transition my career to software development
- Developed a fully custom website for an automation company
- Finished 7 Udemy courses
- Created 6 portfolio projects, including two websites
- Acquired new skills like Python, JavaScript, HTML, CSS and PostgreSQL

Controls Engineer, 05/2021 to 05/2023

Iconsys - Telford, Telford and Wrekin

- Delivered three industrial and autonomous mobile robot projects
- Created several RobotStudio simulation, including a whole palletizing production line containing 3 industrial robots, 2 shuttle car, 24 conveyor units and a pallet dispenser
- Managed office building management system, implementing automated blind control solution
- Implemented software upgrades for a PLC - Autonomous robot gateway software called AMRConnect, which resolved death-lock situations between the robots

Robotics Engineer, 06/2018 to 05/2021

Wood PLC

- Conducted virtual and on-site robot commissioning for 2 large scale production line installation projects
- Worked with several different robot application like welding, riveting, sealing, manual handling.
- Developed a new-part searching method which helped to achieve the required cycle time
- Created SafeMove solutions to meet with customer's safety requirements
- Solved potential collision issue by re-defining collision zones for multiple robot cells

SKILLS

- Python
 - JavaScript
 - HTML
 - CSS
 - C#
 - Flask
 - Node.js
 - Express.js
 - React.js
 - PostgreSQL
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Sales Support Engineer, 09/2015 to 05/2018

ABB

- Provided technical support, conducted feasibility studies, and selected robots for projects
 - Delivered 6 industrial robot projects in different applications like material handling, gluing and painting
 - Held robot program trainings for customers
 - Trained colleagues and mentored 2 university students
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EDUCATION

BSc in Electrical Engineering

Technical University of Budapest - Hungary

Thesis: Obstacle Avoidance Algorithm for line following mobile robot

UDEMY COURSES

- 100 Days of Code: The Complete Python Bootcamp
 - The Complete 2024 Web Development Bootcamp
 - Python Data Structures & Algorithms
 - Clean Code
 - C# Basics for Beginners
 - C# Intermediate
 - C# Advanced Topics
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