

LUU VAN HAI

AUTOMATION ENGINEER

13/02/2002 - Phu Yen

093 476 5372



91/1 Street 8, Linh Trung, Thu Duc City



SOFT SKILLS

- Communication and teamwork
- Document comprehension and presentation
- Logical thinking and problem-solving
- Understanding equipment manuals (datasheet, manual, etc.)
- MS Office, VS Code, Visual Studio

TECHNICAL SKILLS

- PLC, HMI programming (Siemens, Mitsubishi, Allen-Bradley)
- Robot control programming integrated with automation solutions
- Image processing programming (C#, Python)
- Microcontroller programming

LANGUAGES

- English

CERTIFICATES

TOEIC | 19/05/2023 - 19/05/2025

- Listening: 295
- Reading: 285
- Total Score: 580



OBJECTIVE

Seeking a position as an Automation Engineer where I can apply my knowledge and skills in automation to design, develop, and optimize automated production systems. In the long term, I aim to become a technical expert or project manager, developing advanced automation solutions integrated with intelligent systems, contributing to the sustainable development of the business.



WORK EXPERIENCE

B&I Electric - Automation Co., Ltd. Sep 2023 - Feb 2024
Intern

- Reading electrical drawings and assembling control cabinets.
- Using EPLAN software to draw electrical circuit diagrams.
- Training on using TIA Portal for SCADA system programming.
- Worked on ATS cabinet project for the Thien Ho Petrol Company project in Tien Giang.
- Worked on MSB main distribution cabinet project for Binh Minh Packaging Paper Factory in Binh Duong.

Saigon Hi-Tech Park Training Center Feb 2024 - Jul 2024
Intern and Final Project

- Training in controlling and programming the Nachi MZ-07 robot.
- Programming integrated automation systems with Mitsubishi PLC, HMI, and conveyor systems.
- Training on sensors, solenoid valves, servo motors, step motors, inverters, etc.
- Basic industrial communication (IP, TCP/IP, RS232, RS485).



EDUCATION

Ho Chi Minh City University of Technology and Education 2020 - 2024

Degree: Bachelor of Engineering

Major: Control and Automation Engineering Technology

GPA: 7.45 / 10

Final Project: "Controlling Nachi MZ07 Robot Arm Integrated with Image Processing for Product Classification"

- Programmed Nachi MZ07 robot control using Robot language and User Task programming.
- Image processing using Python programming language.
- Sequential control programming using Mitsubishi PLC and HMI GOT1000.

Video: [Redacted]

Github: [Redacted]