
SYED MUHAMMAD HUZAIFA

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PROFESSIONAL SUMMARY

Aspiring Automation & OT Engineer with hands-on experience in PLC programming, SCADA systems, and industrial automation. Currently working at Automators Pvt. Ltd. as a System Engineer. Skilled in integrating control systems, optimizing processes, and bridging IT with OT for reliable operations.

I bring a strong foundation in Industrial Electronics, backed by internships and projects

SKILLS AND PROFICIENCIES

Automation Systems (PLC, SCADA – Siemens TIA Portal, Step 7)
DCS Implementation & Process Control
Simulation & Modeling (MATLAB, LabView, Proteus)
Embedded Systems (Arduino, Microcontrollers)

COURSES & TRAINING

Control Systems & Automation
Core university coursework, with practical projects in PLC programming and SCADA design.

Instrumentation & Measurement
Hands-on academic and project experience with sensors, transducers, and real-time systems.

Power Electronics & Drives
Focused on applications in industrial automation and control.

Embedded Systems
Practical training using Arduino and related platforms.

Simulation Tools
Experience using MATLAB/Simulink, NI LabView, and Proteus for modeling and system design.

WORK EXPERIENCE

The Automators Pvt, Ltd
System Engineer
Aug 2025 to Present
Oversee Honeywell DCS implementation projects
Project management and coordination

The Automators Pvt, Ltd
Trainee Engineer
Apr 2025 - Jul 2025
Gained exposure to industrial instrumentation, panel design, and system documentation. Learned project execution standards, safety protocols, and troubleshooting techniques.

Pakitex (Pvt) Ltd.
Intern
Nov 2023 - Sep 2024
Worked on Project titled “*Measuring Plywood Thickness Using Laser Triangulation Method.*”
Designed and implemented a real-time profiling system for plywood thickness measurement.

EDUCATIONAL BACKGROUND

NED University of Engineering
Karachi, Pakistan
Bachelor of Engineering in Industrial Electronics
Oct 2024

Govt. College For Men
Karachi, Pakistan
Pre-Engineering
June 2018
Graduated with honors

LANGUAGES

English - Intermediate
Chinese - HSK II
Urdu - Fluent