SOHAN KUMAR

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🔗 sohan-mechatronics.github.io/portfolio   ◯ sohan-mechatronics

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PROFILE

Mechatronics Engineering undergraduate pursuing B.E. at Chandigarh University, Mohali, with a Diploma in Electrical Engineering and academic exposure to Industrial Automation, Robotics, PLC–SCADA, HMI, VFD, Sensors, and Actuators. Familiar with SolidWorks, MATLAB/Simulink, and basic Python. Seeking internship or entry-level opportunities in Automation, Robotics, and Manufacturing domains to gain practical industry experience.

TRAINING & EXPOSURE

TL & AC Power House Depot

Vocational Training – Electrical Systems TL & AC Power House Depot | 2 Weeks

• Observed electrical panels, transformers, and power distribution systems
• Learned basic industrial safety rules and standard working practices
• Understood working of electrical equipment and protection systems
• Gained introductory exposure to real-time electrical operations

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EDUCATION

B.E. Mechatronics Engineering Chandigarh University, Mohali   2025 – Pursuing
B.E. Mechatronics Engineering, Chandigarh University   Mohali, Panjab

Diploma - Electrical Engineering Government Polytechnic Katihar   2025
Diploma - Electrical Engineering Government Katihar   Katihar, Bihar
Completed: 2025 | 72.08%

Matriculation (10th) R.K.S Siya Lakhan High School.   2018
Matriculation (10th) : 2018 | 60%   Samsa, Begusarai

ACHIEVEMENTS / ACTIVITIES

• MATLAB/Simulink and Python for basic simulation and automation tasks

• Completed a 10-day robotics workshop with hands-on exposure to robotic concepts

• Actively learning Industrial Automation and Control Systems concepts

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ACADEMIC FOUNDATION

• **Fundamentals of Industrial Automation, Control Systems, and PID concepts**

• **Working knowledge of PLC, SCADA, HMI, and VFD operations**

• **Basics of Robotics, motion control, and automation principles**

• **Exposure to Sensors and Data Acquisition techniques**