



RAVI PATEL

MECHATRONICS ENGINEER

CONTACT

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Om Plaza, Nr. Savita Hospital, Waghodia Dabhoi Ring Road, Vadodara.

EDUCATION

2021-2024

ITM VOCATIONAL UNIVERSITY

- Bachelor's in Mechatronics Engineering
- SGPA: 10/10 in 12th Semester

2018 - 2021

ITM VOCATIONAL UNIVERSITY

- Diploma in Mechatronics Engineering
- CGPA: 9.38 / 10

SKILLS

- Siemens PLC Programming
- Automation and Robotics
- Organizational Skills
- Siemens NX & AutoCAD
- Time Management
- MS Office
- MS Project
- Project Management
- Problem-solving Skills

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Gujarati (Fluent)

PROFILE

Experienced Mechatronics Engineer with a robust background in Siemens PLC programming, adept at designing and implementing automation systems that enhance efficiency and reliability. Proven project management skills with a track record of leading multidisciplinary teams to complete complex projects on time. Proficient in designing innovative solutions that integrate mechanical, electrical, and robotics engineering principles. Proficient in organizational and time management skills, with a proven ability to solve complex problems efficiently and effectively.

WORK EXPERIENCE

● **SISECAM Flat Glass India Pvt Ltd** OCT 2023 - SEP 2024
Internship

- As a Mechatronics Intern at Siseecam Flat Glass, I gained hands-on experience in maintenance and automation, working closely with Fanuc robots to streamline production processes. My duties also included reducing robot saturation to enhance efficiency and conducting renewable energy analysis. These tasks allowed me to develop strong technical and problem-solving skills, as well as gain valuable hands-on experience in optimizing both machinery performance within a manufacturing environment.

Internship Projects

1. Cutting Line Optimization And Modification

- Conducted optimization and modification of the cutting line, implementing improvements that increased precision, resulting in significant gains in production efficiency and reduction of waste.

2. Mirror Line Washing Machine Installation Project Planning

- Plan the mirror line washing machine installation project in MS Project, then unbox and install the machine at a different location for a trial run.

Projects During Academics

- 6 DOF Robotic Arm Using IOT
- Mini Humanoid Robot
- Hexapod Surveillance Robot
- Material Sorting Machine

REFERENCE

Mayur Chavda

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