

ABDUL RAMIZ A

abdulramiza0@gmail.com | +91-7708965076 | <https://www.linkedin.com/in/-ramiz-abdul>

Career Objective

Aspiring Mechatronics Engineer seeking a role in the design field to apply knowledge of mechanical, electrical, and automation systems. Skilled in using CAD tools to develop efficient and innovative designs, with a strong commitment to problem-solving and contributing to organizational success. Eager to learn, adapt, and grow while supporting cutting-edge design projects.

Education

- Bachelor of Engineering in Mechatronics – MAM School of Engineering, 2025.
CGPA-7.85%
 - R.C.Higher Secondary School, Tiruchirappalli.HSC – 75%
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Professional Experience - Internships

Sandfits Foundaries Pvt.Ltd. Coimbatore

- Conducted troubleshooting of mechanical, electrical, pneumatic, and hydraulic systems.
- Effectively managed and resolved machinery breakdowns independently.
- Identify and resolve defects through root cause analysis.

Vishay Precision Transducers India Pvt Ltd , Chennai

- Performed calibration of load cells, force sensors, and transducers using precision measurement equipment.
- Collaborated with quality assurance and production teams to resolve measurement deviations.

Marvel Elevators ,Trichy

- Supported maintenance of lift motors, gear systems, and control panels.
 - Conducted routine inspections to identify mechanical or electrical faults
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Key Skills

- **Technical Skills:** Mechanical and Electrical systems troubleshooting.
- **Software Proficiency:** MS Office Suite, AUTOCAD, CREO, FUSION 360.
- **Personal Strengths:** Problem-solving, Teamwork, Adaptability

Academic Projects

Color Sorter Machine

- Develop a high-precision color sorting system for automated separation of materials based on color.

Regenerative Braking System in Electric Vehicles using Machine Learning Optimization

- Designed and implemented a regenerative braking system for electric vehicles to recover kinetic energy into battery storage. Improved vehicle range and energy efficiency through intelligent braking control strategies.
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Achievements

- Awarded as a Winner of **Paper Presentation** event in the National Level Technical Symposium, "Techinova '23" organised by Indra Ganesan College of Engineering.
 - Awarded as a Winner of **CAD Modeling** event in the National Level Technical Symposium.
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Declaration,

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

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