

BALAJI D

MECHANICAL ENGINEER

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✉ [Balaji Dhandapani](#)

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PROFILE INFO

Dedicated and enthusiastic mechanical engineering graduate with a passion for innovation and a strong foundation in mechanical engineering. Seeking an opportunity to join a reputed organization where I can apply my technical skills, including proficiency in design and simulation, expand my knowledge, and contribute to the company's success.

EDUCATION

B.TECH 6.5 CGPA 2021 - 2025

PUDUCHERRY TECHNOLOGICAL
UNIVERSITY

- Mechanical Engineering

HSC 83.5% 2020 - 2021

REGIONAL PERFECT HS SCHOOL,
NEDUNGADU

SSLC 81% 2018 - 2019

SRI VIKNESWARA HIGH
SCHOOL, SETHUR

INTERNSHIP

ARCHIDES STUDIOS - chennai

DEC-2023

- Established strong knowledge base in architectural fundamentals.
Assisted with planning, support and execution of virtual and in-person engagements.

MSME - Puducherry

FEB-2023

- Practical Training: Gained hands-on experience in designing special parts and manufacturing processes. Industry Insight: Enhanced understanding of industry practices and equipment design.

PROJECT

SMART CONVEYOR SYSTEM WITH AUTOMATED PRODUCT COUNTING AND CLASSIFICATION THROUGH PYTHON-BASED GUI CONTROL PANEL

- Automating product counting using sensor based detection
- Implementing real-time classification of products using computer vision techniques .
- Providing a Centralized GUI control panel for real-time monitoring and adjustments..
- Ensuring seamless transportation and sorting of products in an industrial setup.
- This system will improve accuracy, Efficiency, and automation in manufacturing processes, reducing manual efforts and errors.

CERTIFICATION

- Mechanical product design workshop,
- piping design engineering workshop
- matlab certifications,
- IVAC Certification
- 3D-Printing workshop
- Electric and hybrid vehicle

LANGUAGES

- English
- Tamil