



R C CHARAN

MECHATRONICS ENGINEER

Contact

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📍 TNHB 1500 Flats, MIG-1 Block 12,
No:12/36, Sholinganallur,
Chennai-600119

Special Skills

Creo Parametric
AutoCAD
Robotics
Graphic Design
Logo design
Visual Studio Code

Technical Skills

Designing, Assembly and Drafting
Sheet Metal Modelling
GD&T
Understanding Engineering Principles

Soft Skills

Observation
Decision making
Communication
Team-supporter
Team motivation

About me

A individual with a blend of positive energy and action with remarkable initiative. Highly collaborative spirit who's always team supportive and ready to lend a hand. Natural ability to motivate others inspires collective success, fostering a vibrant and productive environment. Above all, known for unwavering honesty and a superb character, building trust and respect in every interaction. A true asset to any team, consistently striving for excellence with integrity.

Objective

Aiming to seek a challenging role to contribute to the development and quality assurance of cutting-edge applications. Eager to leverage foundational knowledge in areas such as Full Stack Development, Mainframe Development, Automation Testing. I am open to explore, learn and excel across different technologies and domains, demonstrating adaptability and a strong commitment to delivering high-quality, high-performance solutions. I am eager to leverage my creativity and dedication to learn and grow within a dynamic team environment, ultimately contributing to the company's success and developing impactful designs.

Education

- Jawahar Vidyalaya Senior Secondary school, SSLC, 2019
- Velammal Higher Secondary School, HSC, 2021
- Sathyabama University, B.E. Mechatronics, 2025

Internship and Experience

• Internship at Yesodha Engineering Services, Dec 2023

Key responsibilities:

- Observation of Processing of the Steel materials
- Knowing of Different types of purpose of steel parts
- Observation of transportation of materials

• Internship at Hyundai Motors PVT LTD, Nov 2023 - Dec 2023

Key responsibilities:

- Observation of day to day activities at Assembly #1
- Solution and methods to deal with complaints about cars
- Observation of movement scanned car body

Languages

Tamil
English
German

Hobbies

Photo editing
Drawing
Sketching
Football

• Hands on Training Programme on 3D-Printers

Key responsibilities:

- Analyze structures and materials
- Look at recent tasks and products and identify trends
- Communication among team members
- Design new and simple products
- Satisfy programme requirements

• All-Terrain Robot Hands on Training programme by K.I.T.E.

Key responsibilities:

- Interfacing of robot parts, motors and controllers
- Programming with Arduino and Node MCU(Wifi)
- On Spot-Construction of all terrain robot programmed with Arduino and Node MCU (Wifi)

Projects

- Fabrication of Solid Propellant Rocket Engine with Arduino
(May 2024)
- Development of Sound Sensing Legged Robot with GPS Module
for Disaster Management
(March 2025)

Extra-Curricular Activities

- Design Head of Mechatronics Club at Sathyabama University
(2023-2024)
- Volunteer in QCFI Chennai's Chapter in 32nd Annual
Convention at Sathyabama University (2023)

Certifications

- Two-weeks skill development program on Non-Destructive
Test Methods at Sathyabama University.
- Appreciated in QCFI Chennai's Chapter in 32nd Annual
Convention at Sathyabama University.
- Value Added Course on Piping Engineering at Sathyabama
University.
- Paper presentation at Fifth National Conference on
Innovation in Information and Communication Technologies
(2025), Bannari Amman Institute of Technology.
- Paper presentation at International Conference on Next
Generation Technologies: Design and Manufacturing, IIT
Madras.

Declaration:

I hereby confirm that all the details furnished above are authentic and accurate to the best of my belief.