

R VENKADESH

AUTOMOBILE ENGINEER

Portfolio LinkedIn

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CAREER OBJECTIVE

To obtain a challenging and rewarding position as a automobile engineer, utilizing my technical expertise, problem-solving skills, and passion for innovation to design and develop cutting-edge automotive solutions. I aim to contribute to the advancement of the industry, while continuously expanding my knowledge and skills in a dynamic and collaborative work environment.

EXPERIENCE

Euler motors private limited.

(23/01/2023 – Present)

- Extensive experience developing and prototyping HVAC housing units, employing modern techniques and industry best practises to create efficient and high-quality solutions for optimal heating, ventilation, and air conditioning performance.
- Proficient in creating detailed CAD models of chiller units, utilizing industry-standard software to accurately represent the design and functionality for engineering and manufacturing purposes.
- Contributed to the development of air cooling systems of battery pack, actively participating in the design process to ensure precise integration and efficient cooling performance

CAPCP Bench marking private limited

(21/12/2022 – 21/01/2023)

Participated actively in the Electric vehicle testing project, diligently documenting and reporting any noticed errors and abnormalities during test drives, helping to overall vehicle performance improvement and assuring the delivery of a reliable and high-quality product.

Brakes India Private Limited.

(02/12/2021 – 15/12/2021)

Efficiently managed the preparation of CNC machine's tool change records, ensuring accurate documentation and smooth operation of tooling transitions, contributing to optimized production processes and minimizing downtime.

Goodwin Motors

(13/01/2020 – 25/01/2020)

I had practical training on passenger cars during the course. Process of disassembling and reassembling engines.

POSITION OF RESPONSIBILITY

Vice-captain and Design lead of the team – AutoCreed Racing

Design and study of the frame for an electric go-kart. I took part in the FKDC season 6 event and won the design and CAE category.

PUBLICATION

Parametric study on geometric and material properties of polymer electrolyte membrane fuel cell with free vibration analysis

PROJECTS

Effect of thermal abuse in overcharged Li ion Battery (major project)

perform characteristic study, analyze and understand the battery overcharge characteristics in good condition battery and overcharged condition battery cell.

SOFTWARE SKILLS

Solidworks
Ansys
Creo Parametric
Autocad 2D
Siemens NX

PERSONAL SKILLS

Leadership
Communication
Team Player
Time management
Optimistic

CERTIFICATIONS

Course on 2D Drafting – CADD CENTRE Skills Driven.Job Led

Diploma in Product Design and Analysis – CADD CENTRE Skills Driven.Job Led

Product Design And Development. – NPTEL

VOLUNTEER EXPERIENCE

SAEISS – Role – Event management | cause : science and technology
Autonomous vehicle competition event management

LANGUAGES KNOWN

TAMIL – Mother tongue

ENGLISH – Professional

LANGUAGES KNOWN

Date of birth : 24 August 2000

Father's name : N.Rajendran

Permanent address : 10, BB road, venmani illam, sundararajapuram.,
Madurai, Tamil Nadu, PIN – 625011

Nationality : Indian