

HARINI R

BE Mechanical Engineer

I am a passionate student pursuing mechanical engineering and am interested to work on projects related to my domain. I want to apply my knowledge to gain hands-on-experience and to build myself further technically.

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Chennai

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EDUCATION

BE MECHANICAL ENGINEERING COLLEGE OF ENGINEERING GUINDY, ANNA UNIVERSITY

10/2022 - 07/2026

8.411

HSC SHRI NATESAN VIDYASALA MAT. HR. SEC. SCHOOL

07/2020 - 05/2022

96%

WORK EXPERIENCE

SOCIAL MEDIA MANAGER CEG SPARTANZ

07/2023 - 07/2026

An official variety club in CEG.

Tasks And Accomplishments

- Anna hockey valediction performance
- Participation in intracollege dance competition - CEG
- Host performance in intercollege variety show - CEG

SENIOR STEERING VERTICAL MEMBER CEG MOTORSPORTS

04/2024 - 07/2026

The SAE collegiate club of CEG

Responsibility

- The design, development, and integration of the steering system and integrating it with the entire vehicle .

VOLUNTEER NATIONAL SERVICE SCHEME

12/2022 - 07/2026

INDIA

Achievements/Tasks

- Created awareness in our camp at the village Vadakadambadi.
- Participated in eco-drive to clean our college.
- Orphanage camp.

INSTRUCTOR VAALARIVAN TRADITIONAL SPORTS SILAMBAM ASSOCIATION

02/2021 - 07/2026

A traditional silambam organization which was started to deliver the art of silambam to as many people as possible.

Achievements

- Have bagged medals in state and district competitions.
- Instructor of a mannivakkam branch .
- Referee for state level matches.

SKILLS

CATIA

SOLIDWORKS

AUTOCAD

LEADERSHIP

TEAMWORK

TIME MANAGEMENT

QUICK LEARNIG

COMMUNICATION

ADAPTABILITY

RESEARCH

PERSONAL PROJECTS

SELF-BALANCING DELIVERY BOX (11/2023 - 03/2024)

- To transport food items without any linear or angular disruptions by using gyro mechanism and a layer of isolating material.
- Won second prize in project display conducted by Department of Manufacturing Engineering at CEG.

PNEUMATIC HEIGHT SORTER (03/2024 - 05/2024)

- It is a small scale height sorting device using pneumatics by reducing cost and has a control system using arduino and IR sensors.

GRINDING WHEEL FIXTURE (04/2024 - 07/2026)

- This fixture enables a precise stepped rotation of the grinding wheel which can be controlled using an integrated stepper motor used to read the 2d profile of the grinding wheel surface for further research purposes.

COURSES

AU-FRG (11/2023 - 01/2024)

3D MODELLING CAD COURSE (SOLIDWORKS)

SCHOOL OF FRECH (12/2022 - 07/2026)

FRENCH LANGUAGE A1 / A2 LEVEL

CERTIFICATES

IC ENGINE WORKSHOP (03/2023)

EV WORKSHOP (11/2022)

LANGUAGES

ENGLISH

Full Professional Proficiency

TAMIL

Full Professional Proficiency

INTERESTS

DANCE

SPORTS

WORK-OUT

TRAVEL

COOKING

VEHICLE DYNAMICS