

KEERTHI SRI SARAVANAN

B.E.MECHANICAL ENGINEER

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EDUCATION

B.E. MECHANICAL ENGINEERING
College of Engineering Guindy,
Anna University
2022 - 2026 CGPA - 8.1

HIGHER SECONDARY EDUCATION
SBIOA Model Mat. Hr. Sec. School,
chennai
2020 - 2022 97.6%

SECONDARY EDUCATION
Baldwin's Matriculation School,
Chennai
2019 - 2020 98.8%

EXPERTISE

- MS. office Tools(word,excel,ppt)
- Creo
- Solid Works
- Ansys
- Lotus
- Blender

AREA OF INTEREST

- Machine Design
- Manufacturing Processes
- Total Quality Management

SKILL

- Team Management
- Problem Solving
- Leadership
- Proactive
- Adaptability
- Critical Thinking

LANGUAGE

- Tamil - Native
- English - Professional Proficiency
- Hindi - Reading and Writing
- Telugu - Spoken only

WORK EXPERIENCE

INTERNSHIP - AS A PROJECT TRAINEE MAY 2025 - JUL 2025
TVS MOTOR COMPANY, Hosur

- Worked in the R&D Chassis Department at TVS Motor Company, focusing on Tolerance Stack-up Analysis for two-wheeler assemblies.
- Improved dimensional accuracy and reduced assembly deviations by 18% through a comparative study of stack-up methods.

INTERNSHIP - AS A TRAINEE JUN 2024 - JUL 2024
HINDUSTAN AERONAUTICS LIMITED (HAL), Bangalore

- Collaborated across various departments to understand helicopter manufacturing and performed quality inspections.
- Applied metrology and engineering drawing interpretation, including GD&T, for precise component evaluation.

ROLES AND RESPONSIBILITIES

VEHICLE INTEGRATION AND STATICS LEAD 2023 MAR-PRESENT
TEAM CEG MOTORSPORTS

- SAEINDIA Member with expertise in Vehicle Dynamics; assisted in e-ATV suspension design, simulation & fabrication for BAJA & MEGA ATV, served as QA & 5S Lead ensuring integration and defect-free assembly.
- Managed 30+ engineers as Vehicle Integration & Statics Lead, represented team in BAJA and MEGA ATV events.

NATIONAL CADET CORPS - ARMY WING MAY 2022 - MAR 2025

- Certified NCC Cadet (B & C) under 1 TN CTC NCC; trained in weapon handling, map reading, and field discipline.
- Represented state at All India Shivaji Trail Trek camp(Kolhapur), attended CATC & EBSB camps; gained leadership and team skills.

ORGANISATIONS

KANAVU MEIPADA FOUNDATION APR 2023 - PRESENT

- Active member of this NGO,involved in diverse social welfare initiatives; committed to long-term community service and grassroots impact.

CEG TECH FORUM MAY 2022 - APR 2023

- Volunteered in Exceed and Carnivals - Kurukshetra'24 with experience in event planning, talent management, and team communication.

ACADEMIC PROJECTS

- Made a Pneumatic Height Sorting machine as the Hydraulics and Pneumatics Project with a team of 6 members.
- Made a Fixture for the Analysis of Dressing time for Grinding Wheel as Metal Cutting Project.

ACHIEVEMENTS

- AIR 1 in Mega ATV competition (2025)
- Best Debutant Team in e-BAJA Competition (2024)
- AIR 4 in e- BAJA Competition (2024)
- Second Runner Up in the cross country competition in NCC(2024)
- Best Cadet on Independence Day (2023)