

# KISHORE R

## B.E MECHANICAL ENGINEERING UNDER GRAD

Chennai | kishoremech2210@gmail.com | <https://www.linkedin.com/in/kishore2210>

### EXECUTIVE SUMMARY

Final-year Mechanical Engineering student with hands-on experience in design, fabrication, and team coordination through roles in a BAJA SAEINDIA team. As Finance Lead, TIG Welder, and Vehicle Dynamics Member, I've developed skills in CAD, manufacturing, and cross-functional collaboration—bringing a practical, creative, and adaptable approach to solving engineering challenges.

### TECHNICAL SKILLS & TOOLS

#### Fabrication Skills :

- TIG welding
- Machining

#### Design tools :

- SOLIDWORKS
- Auto CAD

#### Analysis tools :

- ANSYS - Workbench
- Lotus - Vehicle Dynamics & simulation

### PROJECTS

- Design and Fabrication Approaches for converting a commercial **Diesel engine to Hydrogen Fuel Operation**.
- Design, Analysis and Fabrication of a CD nozzle for Pneumatic grit blasting
- Automated, pneumatic height based sorting machine - Training project.

### PROFESSIONAL EXPERIENCE

#### Finance Lead, Team CEG Motorsports

Mar 2025 - Present

- Led financial operations for a student-run BAJA SAEINDIA ATV project, including budgeting, expense tracking, fund allocation, sponsorship outreach, and stakeholder communication.

#### Welder, Team CEG Motorsports

Mar 2025 - Present

- Performed TIG welding on chromoly and mild steel chassis as a student welder, applying proper welding techniques and sequences with awareness of metal deformation to ensure accuracy and structural integrity.

#### Senior Vehicle Dynamics member, Team CEG Motorsports

Mar 2024 - Present

- Collaborated with the Vehicle Dynamics team to design and tune the suspension and steering systems, enhancing handling, stability, and off-road performance.

#### Engineering Intern, RK Heavy Engineering

Jun 2024 - Jul 2024

- Assisted the Quality Inspection team in identifying manufacturing and finishing errors, improving report traceability for quicker root cause analysis. Collaborated with Production units on process guidelines and time estimation, resulting in a 7.6% boost in efficiency.

#### Event Organizer, S.M.E (Society of Mechanical Engineers)

Jan 2025 - Mar 2025

- Organized an intercollegiate quiz event under SME, showcasing planning, coordination, and communication skills through successful multi-college participation.

### EDUCATION CREDENTIALS

#### Bachelor of Mechanical Engineering

Oct 2022 - Present

College of Engineering Guindy , Anna University

- Current CGPA - **8.82** / 10

#### Higher Secondary Certificate

Jun 2021 - May 2022

Montfort Academy Matriculation Higher Secondary School

- HSC Percentage - **96.33%**

### ADDITIONAL INFORMATION

- **Languages** : English, Tamil
- **Awards & Achievements** : Best **Debut Team** and **Overall Rank 4** in **eBAJA SAEINDIA (2024)**, Overall **Rank 1** in **Mega ATV (2025)**.
- **Organizations** : Official student member of SAEINDIA
- **Workshops** : IC Engine Workshops by TOP ENGINEERS & Society of Mechanical Engineers (SME)