

GuruPrasad Natarajan

Mechanical Engineering Sophomore

Resourceful and dedicated Engineering student with good problem solving skills and critical thinking. I am very interested in diving deep into the design and analysis softwares in the current trend and open to opportunities and internships in the future in relevant field.



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📍 Chennai

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EDUCATION

B.E. MECHANICAL ENGINEERING

College of Engineering, Guindy, Anna University.

10/2022 - Present

Current CGPA: 8.95

SENIOR SECONDARY (XII)

D.A.V. School, Adambakkam

08/2020 - 07/2022

BOARDS: 94.4%

- Pursued Bio-math stream and graduated at the top of my class.

WORK EXPERIENCE

Senior Rollcage Vertical Member

CEG MOTORSPORTS

04/2023 - Present

Chennai

The SAE Collegiate club of CEG embarking on a journey to design and fabricate an ATV that not only competes with teams from across India, but also sets a benchmark.

- Assisting in **Design and Fabrication of one seater 4X4 ATV for BAJA SAEINDIA '24** with a team of 30+ senior Engineers.
- Used Software's like **Solidworks** for design and modeling and Software's like **Matlab, Ansys** for calculations and simulations.
- Gaining hands-on experience in designing, prototyping, and testing **Braking Systems and Chassis fabrication** of Off-Road Vehicles.
- Responsible for the Static Event Sales of 2025 Season.

Tutor

Self-Employed

07/2022 - Present

- Dedicated Academic Tutor with a good record for helping students to improve their academic performance.
- Adept at evaluating students and creating learning plans based on their strengths and weaknesses.

ORGANIZATIONS

National Service Scheme (11/2022 - Present)

Active Volunteer in all the social welfare programmes.

SKILLS

Solidworks & CATIA

Matlab & Python (Basic)

MS tools & Documentation

Time Management

Communication & Leadership

Ansys & Inspire (Basic)

CERTIFICATES

RAPTEE'S STUDENT OUTREACH PROGRAM (09/2023)

Was part of the top 50 that was shortlisted to attend this exclusive event.

IC ENGINE WORKSHOP (02/2023)

Attended this Workshop conducted by TOP Engineers

EV MOTOR CONTROL WORKSHOP (11/2022)

Attended this Workshop conducted by Ather Engineers.

ACCOLADES

BAJA SAEINDIA '24 (03/2024)

We as a team secured Four Podiums for **AIR 2** in Maneuverability, **AIR 3** in Sled Pull, **Best Debut Team** and an overall **AIR 4** in **eBAJA '24** conducted at BVRIT, Hyderabad.

Raptee's Student Outreach Program '23 (09/2023)

Secured the runner-up position for the solution that I came up with for the Vehicle Engineering Hackathon which was to design the Powertrain for an EV 2-wheeler given its motor data and Vehicle Requirements.

LANGUAGES

Tamil

Native or Bilingual Proficiency

English

Professional Working Proficiency

INTERESTS

Simulation Softwares

Books

Gym

Electric Vehicles

Vehicle Dynamics

Mathematics