

RACHIT ARUN

MECHANICAL ENGINEERING STUDENT

PROFESSIONAL SUMMARY

Mechanical Engineering student at VIT Chennai with a keen interest in mechanical design, systems modeling, and optimization. Experienced in leading technical teams as Captain of Shaurya Racing, designing and fabrication of FSAE cars.

CONTACT

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PROFESSIONAL EXPERIENCE

Shaurya Racing | Captain & Chassis Engineer

FSAE team

- System Design & Optimization: Led the design and manufacturing of the chassis for the next-generation racing car, focusing on structural and system integration.
- As captain leading the team by financial planning, work distribution, and project execution.

L&T Technology Services | Mechanical Services Intern

Mechanical Services Company

- Duration: May 2025 – July 2025
- Technical Support: Gained exposure to industrial mechanical services and technical documentation standards in a professional engineering environment.

TECHNICAL SKILLS

- MATLAB & Simulink (Steady-state and Dynamic Modeling), Python (Numerical Analysis).
- SolidWorks, Creo, Fusion 360, Ansys (Structural & Thermal Analysis).
- Mechanical Design, Structural Optimization, Materials Science.
- Financial Management, Resource Allocation, and Task Distribution.
- Communication: Fluent in English, Hindi, and Kannada.

ACADEMIC HISTORY

Vellore Institute Of Technology (VIT), Chennai

- Bachelor of Technology (B.Tech) in Mechanical Engineering.
- CGPA: 8.15 | Currently in 3rd Year (6th Semester).

Reliance Foundation School

- Senior Secondary (Physics, Chemistry, Maths, Economics) | 2021 – 2023.
- Percentage: 87%.