

# HARI PRASATH P

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## ABOUT

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I am a final year mechanical engineering student with a strong passion for design and innovation. Proficient in CAD software and equipped with a solid understanding of engineering principles, I am eager to apply my skills in real-world projects. I am dedicated, detail-oriented, and constantly seeking opportunities to learn and grow within the field of mechanical engineering.

## EDUCATION

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Institute	Course	Year	Percentage
PMG Matric Higher Secondary School	SSLC	2018-2019	76.4%
PMG Matric Higher Secondary School	HSC	2020-2021	81.90%
Hindusthan College of Engineering and Technology	B.E .Mechanical Engineering	2021-2025	7.78(upto 5 <sup>th</sup> sem) CGPA

## EXPERIENCE

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Service Engineer,ABT Maruti (Internship)

The internship enhanced my understanding of vehicle systems and provided valuable hands-on skills essential for a career in automotive service.

## PROJECT

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### STUDY OF ENERGY FROM BIOMASS(in progress)

Ethanol fermentation from biomass involves the conversion of sugars, derived from plant materials, into ethanol by yeast or bacteria. This process typically includes biomass pretreatment, hydrolysis to release fermentable sugars, and fermentation to produce ethanol.

## TECHNICAL SKILLS

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- Autocad (skilled in creating and editing mechanical drawing and models)
- Solidworks(proficient in creating 3d models of mechanical parts and assembly)
- CATIA(proficient in creating 3d models of mechanical parts and assembly)
- ANSYS(proficient in performing structural analysis )
- FUSION 360
- Creo (proficient in creating 3d models of mechanical parts and assembly)

## WORKSHOPS

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- 3D Printing and Drones Organized by Zue Technologies
- Welding Assembly using software Organized by Pumo Tech

## CERTIFICATION

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- Foundation course on automotive design
- Catia v5 (udemy)

