

Praveen Kumar S

Career Objective

Aspiring Mechanical Engineer seeking a trainee position in a reputed automobile, EPC, or manufacturing, IT Company where I can apply my academic knowledge, enhance my technical skills, and gain practical experience in engineering operations, team collaboration, and innovation.

Education

Examination	Institution	CGPA/Percentage	Year
B.E. Mechanical Engineering	St. Josephs College of Engineering, (Anna University)	7.83/10	2021 – 2025
Class XII	Zion Matric Hr.Sec.School ,Chennai	84.3%	2021
Class X	Zion Matric.Hr.Sec.School,Chennai	77.9	2019

Academic Projects

- Gearless Transmission Using Elbow Mechanism
- Designed a gearless transmission system using interconnected elbow joints for torque conversion.
- Achieved smooth transmission with minimal maintenance, improving reliability in mechanical systems.
- Underwater Friction Stir Welding (UFSW)
- Conducted experimental analysis of dissimilar joints (AA5052-O & AA6061-T6 alloys).
- Optimized rotational speed, welding speed, and axial force to enhance joint quality.

Internship Experience

Daimler India Commercial Vehicles, Oragadam — March 2024

- Gained hands-on training in chassis assembly, engine testing, and transmission systems.
- Understood large-scale automotive production and testing procedures.

Delphi-TVS Pvt. Ltd., Oragadam — August 2023

- Studied diesel fuel injection systems and learned about safety procedures in a manufacturing setup.
- Observed production processes and quality assurance practices.

Tafe.Pvt.Ltd

- Gained hands-on experience in the company's inventory management
- Gained an understanding of the branding process for individual parts and the overall operations of the warehouse.

Technical Certifications

- Electric Vehicle Technology – Certified training in EV systems.
- Entrepreneurship in Solar PV Technology – Insight into renewable energy project management.
- Business English Certificate (BEC) – Cambridge A2 Preliminary Level.

Software Skills

Programming Languages

C, C++

CAD & Office Tools

AutoCAD, CREO, MS Word

Extra-Curricular & Technical Activities

- Attended workshops on mechanical systems and alternative fuel technologies.
- Participated in department-level technical symposiums and mini-projects.
- Volunteer for college mechanical society events and community outreach.

Languages Known

- English (Proficient)
- Tamil (Native)

Interests

Automotive Technology | 3D Mechanical Design | Manufacturing Systems | Cricket | Travel

Contact and Social Media Links

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