

AZHAHAR BALAJI T

Homologation Engineer / Senior Engineer

☎ 93609 61798 @ azhaharthangam@gmail.com 📍 Pollachi

Dear Sir,

I am writing to express my keen interest in joining your organization, where I can contribute my engineering knowledge and passion for innovation. As a Mechanical Engineering student at Dr. Mahalingam College of Engineering and Technology, I have cultivated a strong foundation in design, analysis, and problem-solving, complemented by hands-on experience in both traditional and emerging automotive technologies.

During my internship at Ashok Leyland, I worked on engine assembly and testing, and led a project on CFD Analysis for Port Fuel Injection in Methanol Engines. This experience sharpened my analytical skills and deepened my understanding of sustainable fuel technologies. My earlier internship at Ozotec, an electric vehicle manufacturer, gave me practical exposure to EV assembly and quality assurance—further fueling my interest in clean mobility solutions.

I have actively participated in national-level competitions such as SAE India's TIFAN24, where I led a team to design an Automated Multi-Vegetable Transplanter. My academic projects, including digitalizing wrist exercise equipment and developing obstacle detection systems, reflect my drive to blend mechanical design with real-world impact.

Beyond technical skills, I bring leadership, discipline, and a collaborative spirit—qualities honed through my involvement in NSS, Scouts, and sports. I am proficient in CAD tools like SolidWorks and AutoCAD, and have working knowledge of programming languages including Python and Java. My certifications in electric vehicles and battery systems further align with the future of mobility.

I am excited about the opportunity to contribute to your team and grow within a dynamic, innovation-driven environment. I welcome the chance to discuss how my background and enthusiasm can support your goals.

Thank you for considering my application.

Warm regards,
Azhahar Balaji Thangavel