

AKSHATH BINU

AUTOMOBILE ENGINEERING ASPIRANT

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Kottayam, Kerala, India

Portfolio link

EDUCATION

AL AZHAR COLLEGE OF ENGINEERING AND TECHNOLOGY

2021 - 2025

- Bachelor of Technology in Automobile Engineering
- Relevant coursework: Vehicle Dynamics, Automotive Electrical Systems, and CAD Design.

ST THOMAS HIGHER SECONDARY SCHOOL

2019 - 2021

- Higher Secondary School (PLUS TWO)

ST THOMAS HIGHER SECONDARY SCHOOL

2018 - 2019

- High School (SSLC)

SKILLS

Technical Skills

- Design Software: Adobe Illustrator, AutoCAD
- Engineering Tools: Mechanical & Electrical Product Design, Engineering Drawing

Soft Skills

- Problem Solving
- Effective Communication
- Time Management

LANGUAGES

- English (Fluent)
- Malayalam (Fluent)
- Hindi (Basic)
- Tamil (Beginner)

PROFILE SUMMARY

Aspiring Automobile Engineer with strong organizational skills and a proactive approach to problem-solving. Proficient in mechanical design and passionate about contributing to innovative transportation solutions. Adept at applying technical knowledge and teamwork to achieve project and team goals.

INTERNSHIPS AND WORKSHOPS

Intern, KSRTC

Thodupuzha, May 2023 - June 2023

- Assisted in the maintenance and repair of public transportation vehicles, gaining hands-on experience with automobile systems.
- Observed diagnostic procedures for engine and transmission issues.
- Learned about preventive maintenance practices to ensure vehicle safety and efficiency.

Workshop, TECHMAGHI

Ernakulam, January 2025

- Attended the one-day Tuning and Performance Workshop organized by Techmaghi in collaboration with LAP47, Cartune Network, Alientech, ReynLab Technologies, and Red Band Racing.

Drone Cultivation Workshop

Fuselage Innovations, Thodupuzha, March 2024

- Explored drone technology applications in agriculture, focusing on precision farming and crop monitoring.

EXTRA-CURRICULAR ACTIVITIES

NSS

- Organized and led student volunteer teams to plan and execute cultural events at AL-AZHAR College, enhancing teamwork and event management skills.

PROJECTS

SMART HAIRPIN SIGNAL SYSTEM

(PURSUING)

- Developed a sensor-based system to detect vehicles on hairpin curves, activating warning signals to reduce collision risks.
- Designed and implemented hardware circuits, collaborating with a team to enhance road safety solutions.