



Azhahar Balaji Thangavel

Nationality: Indian **Date of birth:** 06/03/2004 **Gender:** Male

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ABOUT ME

Seeker of challenging roles and problems where my personal and academic abilities can be utilized in a dynamic work environment. I'm a practiced troubleshooter with excellent diagnostics and repair abilities, strong attention to detail and statistical approach are a few of my notable qualities. I constantly strive to excel in a result-oriented job and work seamlessly with highly skilled teams to achieve ambitious goals.

EDUCATION AND TRAINING

Bachelor of Engineering in Mechanical Engineering

Dr. Mahalingam College of Engineering and Technology [2022 – 2025]

Address: Dr.MCET-NPT campus, Udumalai Road, Pollachi, 642003, Tamil Nadu (India)

Website: <https://drmcet.ac.in/>

Final grade: 8.3 CGPA

Diploma in Automobile Engineering

Nachimuthu Polytechnic College [2019 – 2022]

Address: Dr.MCET-NPT campus, Udumalai Road, Pollachi, 642003, Tamil Nadu (India)

Website: <https://www.nptc.ac.in/>

Final grade: 90.66%

Secondary School Certificate Examination (10th Grade)

Viswadeepthi Matric Higher Secondary School [2018 – 2019]

Address: Viswadeepthi Matric Hr Sec School, Udumalai Road, Pollachi, 642003, Tamil Nadu (India)

Final grade: 79.6%

INTERNSHIPS

Product Development (Intern)

[18/07/2024 – 03/01/2025]

Worked at Ashok Leyland in Engine Assembly and Testing, focusing on performance optimization and quality assurance. Completed a project on CFD Analysis for Port Fuel Injection in Methanol Engines, contributing to efficiency improvements.

Intern

[12/06/2023 – 24/06/2023]

Worked at Ozotec, an electric vehicle manufacturing company, gaining hands-on experience in vehicle assembly and quality assurance to ensure optimal performance and reliability.

PROJECTS

A CFD Analysis on Port Fuel Injection for Methanol Engine

[2024 – 2025]

Internship Project

Automated Multi-Vegetable Transplanter

[2023 – 2024]

Presented in SAE India TIFAN24 Event.

Certificate Link: [TIFAN24Certificate/](#)

Digitalizing Wrist exercise equipment

[2022 – 2023]

Obstacle detecting system.

[2021 – 2022]

CERTIFICATIONS

- **Electric Vehicles and Mobility, Coursera, Mar 2023**
- **EV-Trion - Workshop on Electric Vehicles conducted by department of Mechanical engineering in Government College of Technology.**
- **Webinar on “How to Design a Battery for EV’s using SolidWorks, Ansys, MATLAB” conducted by ISIEINDIA.**
- **Webinar on “BMS and Electric Batteries” conducted by ISIEINDIA.**

CONFERNCES

- **Has presented a paper entitled “Digitalizing Wrist Exercise Equipment” in Mequest 23 held at Sri Ramakrishna Engineering College, Coimbatore, during 06 – 10 - 2023.**
- **Has presented a paper entitled “Fuel Cells” in Mechnotron’23 held at Coimbatore Institute of Technology, Coimbatore, during 24 - 3 – 2023**
- **Has presented a paper entitled “Alternate Fuels” in Mech Zeal’23 held at Velalar college of Engineering and Technology, Erode, during 24 - 2 - 2023.**

ACHIEVEMENTS

Led a team for the TIFAN National Level Event, organized by SAE India.

Under 16 Regional level Participant in Football.

Achieved a World Record in Yoga.

Received the Rajya Puraskar Award from the Governor.

DIGITAL SKILLS

Office Utility Softwares

Microsoft Excel / Microsoft Word / Microsoft PowerPoint / Zoom

CAD Softwares

AutoCAD / SolidWorks / Creo

Computer Programming Languages

C / Java / Python

LANGUAGE SKILLS

Mother tongue(s): **Tamil**

Other language(s):

English (IELTS)

LISTENING B2 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

German

LISTENING A1 **READING** A1 **WRITING** A1

SPOKEN PRODUCTION A1 **SPOKEN INTERACTION** A1

VOLUNTEERING

Member of NSS

[Dr. Mahalingam College of Engineering and Technology, Pollachi]

Member of Scout

[Viswadeepthi Matric Higher Secondary School, Pollachi]