

## AKHIL S

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### PERSONAL STATEMENT

Mechanical Engineering graduate with hands-on internship experience and a strong foundation in design and analysis. Skilled in problem-solving, modern tools, and teamwork, with leadership experience as a program coordinator and ASME member. Completed a 1-year service trainee position at an automobile service company, gaining practical expertise in vehicle maintenance and repair. Eager to apply technical knowledge and skills in a dynamic engineering role.

### EDUCATION

Bachelor of Technology in Mechanical Engineering  
*College of Engineering Muttathara, Trivandrum*

Kerala, India  
2020 – 2024

#### **Final Year Project: Enhancing Heat Exchanger**

- Optimized flow pattern using computational tools to increase heat transfer rate in a zigzag flow model.
- Enhanced heat transfer by incorporating nanoparticles into the working fluid, improving thermal conductivity.
- Achieved higher thermal efficiency compared to traditional models.

Science  
*Jyothis Central School, Trivandrum*

Kerala, India  
2018 – 2020

### EXPERIENCE

#### **Travancore Titanium Product Limited, Trivandrum**

*Worked as Intern*

Kerala, India

May 2023 – July 2023

- Assisted in optimizing manufacturing processes for efficiency and waste reduction.
- Participated in safety audits and contributed to maintaining a safe work environment.
- Supported routine maintenance and troubleshooting of manufacturing equipment.

#### **Renjith Automobile works, Attingal**

*Worked as Service Trainee*

Kerala, India

July 2023 – October 2024

- Ensured adherence to safety and quality standards during all repair and maintenance activities.
- Gained expertise in automotive tools and diagnostics.
- Collaborated with a team of technicians to improve workflow efficiency.

### TECHNICAL SKILLS

AutoCAD, Solid work, MS Office, Communication skill, Problem-Solving, Teamwork, Time Management, Adaptability

### TRAININGS & CERTIFICATIONS

TECHTSA Soft Training Institute, Palayam  
*AUTODESK AUTOCAD 2024*

Kerala, India  
May 2024 – July 2024

### PERSONAL DETAILS

Languages: English, Malayalam  
Nationality: Indian  
Current Residence: Deira, Dubai  
Visa Status: Visit Visa (Valid 16/01/2025)  
Interests: Movies, Travelling and Sports