

THOMAS P THOMAS

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Career Objectives:

- To seek a challenging career where my skills and knowledge would be enhanced and optimized.
- To achieve a responsible position and realize organizational and personal goals by exploring various domains through hard work and determination.

Educational Details:

Qualification	Board/University	Institute	Year of Passing
Bachelor of Technology in Mechanical Engineering	KTU	Amal Jyothi College Of Engineering	2020
Senior Secondary (+2)	CBSE	Mar Dionysius Senior Secondary School	2016
Secondary (10 th)	CBSE	Mar Dionysius Senior Secondary School	2014

Internships:

1. Hybrid electric vehicle intern at Ezenith (January 2020 – May 2020)
 - Gained insight into HEV industry and gained knowledge on different types of HEV's and motors and batteries used in HEV's and EV's.
2. Process and materials engineering intern at Euclid Labs (January 2020 – February 2020)
 - Gained an understanding of the process development methodology involved in taking an R&D laboratory process to commercial production.
3. Automotive intern at Kerala State Road Transport Corporation (15/06/2017 – 21/06/2017)
 - Had seven-day internship at KSRTC Central Works in Pappanamcode, Thiruvananthapuram.
 - The internship was fruitful as it provided great knowledge on various aspects of automobile engineering.

Projects:

1. Designed and assembled an air-piston-cylinder assembly from scratch
 - Aim – To design and assemble an air-piston-cylinder assembly using SolidWorks.
2. Simulating the transient behavior of a simple pendulum
 - Aim – To simulate the transient behavior of a simple pendulum using MATLAB by solving the 2nd order ordinary differential equation.
3. Tree Pruner
 - Developed a mechanical tree pruner at a cost of Rs150.
 - Aim - To develop an easy to use, reliable and cost-effective mechanism for cutting trees.
 - Role - Design and presentation.

Technical Skills:

- Modeling – SolidWorks (Intermediate), CATIA V5 (Beginner)
- Programming – C++ (Beginner), MATLAB (Intermediate)
- Computational Tools – HyperMesh (Beginner)
- Others – Microsoft Office, Adobe Photoshop, Canva

Soft Skills:

- Communication skills
- Problem solving skills
- Teamwork
- Ability to work under pressure

Certifications:

1. Completed PG Diploma in Oil & Gas Piping, QA/QC NDT Safety from SMEClabs.
2. Course on ‘Joining Technologies for Metals’ by Indian Institute of Technology, Roorkee through NPTEL.
3. Course on ‘MATLAB for Mechanical Engineers’ by Skill Lync.
4. AutoCAD training from Internshala.
5. SolidWorks training from Internshala (Best Performer).
6. HyperMesh course on Udemy.

Co-Curricular Activities:

1. Member of Institution of Engineers (India) and Society of Energy Engineers and Managers (SEEM) during college education.
2. Participated in HPVC induction program conducted at Amal Jyothi.
3. Attended two day workshop on HVAC.
4. Attended various workshops organized by Skill Lync.

Extra-Curricular Activities:

1. Participated in RAGAM 2k19 held at National Institute of Technology, Kozhikode.
2. Participated in GraVITas’18 held at Vellore Institute of Technology.
3. Participated in FOTIOS 2k18 held at Believers Church Caarmel Engineering College, Pathanamthitta.

Language Proficiencies:

- English (Professional working proficiency)
- Malayalam (Native)
- Hindi (Elementary proficiency)