

ALAN GEORGE

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PROFESSIONAL SUMMARY

Mechanical engineering student with a strong foundational understanding of thermal engineering, manufacturing processes, and mechanical design. Familiar with CAD tools such as Creo and AutoCAD, along with exposure to ANSYS. Strong interest in thermal, manufacturing, and design roles, and currently seeking opportunities to gain practical industry experience and begin my professional career.

TOP SKILLS

- Engineering Software: AutoCAD, ANSYS, PTC Creo
- Tools: Excel, Word, PowerPoint -Data handling and documentation.
- Communication: Able to communicate ideas clearly in technical and team settings, ensuring smooth coordination and effective collaboration
- Mechanical core: strong understanding of thermal engineering, manufacturing processes, and design calculations. Confident in using theoretical concepts to solve practical problems

PROJECTS

Performance Evaluation of a VCRS Using GO–Al₂O₃ Hybrid Nanolubricant (Ongoing)-
Studying how a GO–Al₂O₃ hybrid nanolubricant affects the cooling performance and efficiency of a vapor compression refrigeration system compared to standard POE oil.

WORK EXPERIENCE/INTERNSHIPS

Internship Trainee at Cochin Shipyard (16.12.24 TO 20.12.24)

- Observed major shipbuilding and repair operations, including hull fabrication, alignment checks, quality control, and NDT techniques. Also gained exposure to dry-dock operations, repair planning, material handling, and how project orders are secured and executed in the shipyard.

EDUCATION

B-Tech in Mechanical Engineering, Mar Athanasius College of Engineering

Graduation: June 2026

CERTIFICATIONS

- Principles Of Metal Forming Technology, **NPTEL**
- Microsoft Excel, **UDEMY**