

Tarun Sai Janapati

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SUMMARY

Seasoned Mechanical Engineer with 10+ years of experience in design, development, and optimization of mechanical systems. Proven ability to lead cross-functional teams, drive innovation, and deliver high-quality solutions while adhering to industry standards and regulations. Expertise in computer-aided design (CAD), finite element analysis (FEA), and engineering simulations. Seeking a challenging role where I can leverage my skills to contribute to the success of an engineering organization.

EDUCATION

Saint Louis University • Master's Degree Graduation: 2025
Analytics • 3.9

Visvesvaraya National Institute of Technology • Bachelor's Degree Graduation: 2022
Mechanical Engineering • 7

EXPERIENCE

Graduate Engineer Trainee –Saarloha Advanced Materials Pvt Ltd 2022 – 2022
Pune, India
• cdsscs

Building Maintenance Student worker –Simon Recreation Center 2024 – 2024
Saint Louis University

SKILLS

- **Front-End:** HTML, CSS, JavaScript
- **Back-End:** Node.js, Python, Flask, Express.
- **Analytical:** Python, R, SPSS, MySQL

PROJECTS

Design and Optimization of Thermoelectric generators COMSOL Multiphysics, Research Experience, Data Analysis 2021 – 2022

- Designed and optimized thermoelectric generators using COMSOL Multiphysics. Increased efficiency by over 10%.
- Contributed to a research paper published in the Journal of Applied Physics.

CERTIFICATIONS

INVOLVEMENTS
