ABISHEIK G

Mechanical Engineer

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Motivated Mechanical Engineering graduate seeking an entry-level mechanical design role. Skilled in CAD and product development with a strong problem-solving ability. Committed to contributing to innovative projects and team success.

Internship & Academics projects

Pumo Technovation India pvt ltd. *MAY 2025 - Till date*

Intern - Design

- Introduced reusable CAD templates, improving modeling efficiency and reducing drafting time by streamlining repetitive tasks.
- Support engineers by refining and updating CAD drawings and technical documentation for design projects.
- Collaborated with senior engineers to review and refine assemblies, learning best practices for fitment and tolerances.
- Proactively researched design standards and shared concise guides with peers to maintain quality.
- Volunteered to handle complex surface modeling when tight deadlines required extra support.
- Organized informal CAD knowledge-sharing sessions to help fellow interns learn best practices.
- Managed version-controlled documentation for assemblies, ensuring accurate design revisions and quick retrieval.
- Researched basic GD&T practices and shared a short guide with fellow interns to help maintain standards.

VG. Vetri steel & fabs pvt ltd. *JULY2024 - AUGUST2024*

Intern

- The major activity of V G Vetri Steel Fabs And Furnitures is Manufacturing, Sub-classified into Manufacture of steels and is primarily engaged in the Manufacture of furniture primarily of metal.

project *FEB2025 - MAY2025*

TITLE - Autonomous Agricultural Robot For Seed Sowing And Water Spraying

- This project presents an auto-detect agriculture robot designed to feed water and fertilizer to crops efficiently. The robot integrates capable of precise seed sowing and targeted water spraying.
- A microcontroller processes the data and, using the L293D motor driver IC, controls the movement of the robot and the pumping system. Equipped with separate tanks for water and fertilizer, the system dispenses the required amount precisely at each location.
- Powered by a rechargeable battery with the robot ensures optimized resource usage, reduces human effort, and improves crop productivity through automation.

Education

University *2022 - 2025*

- Parisutham institute of technology and science, Thanjavur. Bachelor of engineering- Mechanical Engineering
- **CGPA 7.72**

Diploma *2019 - 2022*

- Veludaiyar polytechnic college, Ammaiyappan, Thiruvarur. Diploma in Mechanical Engineering
- **84 %**

- SSLC *2019*
  - Veludayar higher secondary school, Thiruvarur.
  - **57.2 %**

Software Skills

- Part modeling
- Drafting & detailing
- Sheetmetal modeling
- GD&T Application
- Assembly
- Manufacturing

Software

- CREO
- Auto CAD

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.