

SHRINIVAS NARASIMHA BHAT

Assistant Design Engineer | Machine design | CAD Expertise

☎ 8762614071

🌐 [linkedin.com/in/shrinivasnbhat](https://www.linkedin.com/in/shrinivasnbhat)

@ shrinivasnbhat137@gmail.com

📍 Bangalore, Karnataka



SUMMARY

Creative and impact-driven Mechanical Design Engineer with expertise in CAD modeling, consistently collaborating with teams to design and develop machine and product designs. With a solid track record in industrial environments, I bring proven engineering skills, excel in collaborative teams, and remain committed to contributing within innovative, technology-led sectors while growing both professionally and personally.

EXPERIENCE

Assistant Design Engineer

Middleby India Engineering Pvt. Ltd

📅 08/2023 - Present 📍 Jigani, Bangalore, Karnataka

A global manufacturing service and support organization for commercial, residential, and industrial foodservice.

- Contributed to the design and development of various R&D projects, including depositor systems for muffin applications, flatteners, ham Demolders, and conveyor systems for bacon and meat processing.
- Also worked on sealers and tape closures for bread packaging, utilizing sheet metal, machined, and plastic components to develop efficient, production-ready mechanical solutions.
- Created detailed 2D and 3D models, engineering drawings, and Bills of Materials (BOMs).
- Collaborated with cross-functional teams to optimize designs for manufacturability, cost-effectiveness, and performance.
- Implemented design modifications to improve product reliability and efficiency, adhering to customers specifications.

Tool And diemaker

Ennovi Mobility Solutions India Pvt.ltd.

📅 07/2019 - 04/2020 📍 Bangalore, Karnataka

A leading provider of electronic components.

- Worked as a Tool and Diemaker Trainee, contributing to production and maintenance activities in a high-volume manufacturing setup.
- Assisted in sheet metal production, quality inspections, and machine operations to ensure process efficiency and product reliability.

Design Intern

Plantek

📅 08/2022 - 09/2022 📍 Mysore, Karnataka

Automation company that focuses on Industrial Automation and SPM.

- Designed and developed mechanical chutes from scratch during an academic internship, aligning with specific customer requirements.
- Supported industrial operations by enabling efficient material transport and handling through customized chute designs.

EDUCATION

BE-Mechanical Engineering

Vidyavardhaka College of Engineering - CGPA 8.6

📅 08/2020 - 05/2023 📍 Mysore, Karnataka

Diploma in Tool & Die Making

Govt. Tool Room & Training Centre - 80.45%

📅 07/2016 - 07/2020 📍 Dandeli, Karnataka

SKILLS

Machine Design

Sheet metal Design

GD & T

Engineering Drawings

BOM management

Design Optimization

Numerical simulation

HVAC

MATLAB

SolidWorks PDM

Autodesk Vault

ANSYS

SPM MACHINES

Mechanical CAD Tools -

SolidWorks

UG NX

AutoCAD

Creo Parametric

Autodesk inventor

PROJECTS

ATV Design and Fabrication

- Collaborating with a cross-functional team of 30 members to build an all-terrain vehicle for a National Level SAE E-BAJA competition.
- As the Design and Fabrication Lead designed sheet metal parts like mounts, side panels for an electrical ATV using SolidWorks.

Numerical Simulation of AAC

- As a part of academic project We numerically simulated an Automotive Air Conditioning (AAC) Condenser using the Effectiveness-NTU method.
- Numerically simulated a comparative analysis of the condensation performance of R134a and R1234yf using MATLAB after obtaining the transport and thermodynamic properties of the refrigerants.

ACTIVITIES & INTERESTS

Extracurricular Activities

- * Dedicated student and performer of Yakshagana.
- * Former member of SAE BAJA and ISHRAE.

Hobbies

- * Team sports: Cricket and badminton
- * Strategic games: Chess
- * Creative interests: Travel and photography

LANGUAGES

English

Kannada

Hindi