

Abutalha Sajjankhan Pathan

A/P: Punavale-411033

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Objective

Mechanical Engineering graduate looking to leverage a deep interest in plastic product design and automotive trim development as a Graduate Engineer Trainee. Proficient in Siemens NX and CATIA-V5, with a strong grasp of 3D modeling, and drafting. Eager to apply my knowledge of GD&T and material selection to develop innovative, production-ready components in a high-growth manufacturing environment.

Experience

- Radhe Engineering Services and Solutions** January 2025 - June 2025
Intern as Design Engineer
 - Completed intensive training in UG-NX from basic to advanced level
 - Created A, B, and C surfaces for product design applications
 - Performed draft analysis to ensure manufacturability
 - Defined tooling direction based on component geometry
 - Executed close volume operations to convert surface into solid models
 - Gained hands-on experience in surface modeling & plastic product design
 - Applied Design for Manufacturing (DFM) principles in modeling

Education

- Sveris Collage of Engineering Pandharpur** 2025
Btech in Mechanical Engineering
8.24 CGPA
- K N Bhise Collage Kurduwadi** 2021
HSC
83.17%
- Vinayak Rao Patil Vidyalaya Bhosare Kurduwadi** 2019
SSC
74.80%

Skills

- UG-NX
- CATIA-V5
- Interior Plastic Trim
- Plastic Product Design
- Automotive Design
- Class-A Surface Integration
- Design for Manufacturing
- Part Modeling
- Drafting
- Surfacing
- Parametric Modeling
- Sheet Metal

Projects

- Fabrication of glass fiber Composite using black Carbon from waste batteries.**
Successfully fabricated recycled carbon composite material with 30% reduced waste.
Tensile strength: 450 MPa, Recycled composite showed 20% improvement in mechanical properties compared to conventional composite.
Weight reduction: 15% and cost savings: 25% achieved

Technical Knowledge

- - Proficiency in UG NX 2023 & CATIA-V5 (Part Modeling, Drafting, Surfacing)
 - GD&T Symbols and Its Implementation
 - Plastic Product Design Guidelines
 - Plastic Manufacturing Guidelines
 - Plastic Defects
 - Knowledge of Reverse Engineering
 - New Product development of Plastic and Sheet metal
 - Good technical and communication skill

Personal Details

• **Name :** Abutalha Pathan.

Father name : Sajjankhan Pathan.

Date of Birth : 17 JUNE 2003.

Adhar No : 940306114339

PAN No : GXWPP8753G

Languages Know : English, Hindi and Marathi.

Permanent Address : Mhaisgaon, Solapur, Maharashtra-413250.

Current Address : Punawale, Pimpri-Chinchwad, Maharashtra-411033

Declaration

- I hereby declare that the above-mentioned details are correct and complete to the best of my knowledge.

Date: / /

Place: Pune