



NITESH VISHWAKARMA

Mechanical Engineer

DETAILS

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WEBSITES AND SOCIAL LINKS

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SUMMARY

- Strong experience Proficient in **SolidWorks, AutoCAD, and CATIA V5**
- Hands-on experience in mechanical design and product development

EXPERIENCE

Mechanical design engineer, Hi-tech metal forming, Indore

FEB 2024 – CURRENT

Professional Summary / Skills

- Proficient in **SolidWorks, AutoCAD, and CATIA V5**
- Hands-on experience in mechanical design and product development

Seat structures, seat design, automotive systems designed for safety, comfort, and light efficiency.

Project Experience

- **JMB Bus Project:** Door, dashboard, and bumper design for the JMB Bus project
- **Domman (USA) – Air Tank Design**
 - Designed and developed air tank components with focus on structural integrity and manufacturability
- **Club Car - Precedent Battery Bracket Design** – Project for **Eicher Motors**
 - Created robust battery bracket ensuring strength, vibration resistance, compliance with design standards
- **Welding Fixtures & Shackle Design**

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- **Met Ilve More, Mechanical Mobile, Suit City**
 - Sourced robust front panel, and dashboard and newwin
 - Created robust battery bracket ensuring strength, vibration, compliance with design standards

CORE COMPETENCIES

- 3D Modeling & Assembly Design
- Sheet Metal & Fixture Design
- GD&T and Manufacturing Drawings
- Structural Strength Considerations

Mechanical design engineer, iCAE, Indore

JAN 2023 – SEP 2023

- Experience in **Air Tank Design (Dorman, USA)** and **Battery Bracket Design (Eicher Motors)**.
- Strong proficiency in **SolidWorks** and **AutoCAD**, bus structure

Mechanical design engineer, Abhikalp design studio, Indore

SEP 2023 – FEB 2024

- "Experience in CATIA software with knowledge of mechanical design, DFA (Design for Assembly), Product Data Management (PDM), GD&T (Geometric Dimensioning & Tolerancing), and assembly drawing. Worked on product design including door, dashboard, and bumper design for the JMB Bus project."

EDUCATION

Bachelor of Engineering, SUSHILA DEVI BANSAL COLLEGE OF ENGINEERING, Indore

2020 – 2024

CGPA 7.71 Completed in 2024

Higher Secondary School Certificate Examination (12th), MP Board

2018 – 2020

Examination (12th) 74% completed in 2020

High School Certificate Examination (0th) Above (10th), MP Board

2016 – 2018

Examination (10th) 73% completed in 2018

SKILLS

- CATIA V5
- CREO

- SOLIDWORKS
- AutoCAD
- CAD Design

LANGUAGES

English

Hindi

ACHIEVEMENTS

- Created 3D models and drawings using CATIA, SolidWorks, and AutoCAD with GD&T.

CERTIFICATIONS AND LICENSES

- Certificate of CNC turning.
- Certified in **AutoCAD** from **Design Solution Indore**.
- Certified in **Creo** from Design Solution Indore.
- Certified in **SolidWorks** from Design Solution.
- Certified in CATIA Design solution.