Aniket Deshmukh

Mechanical Engineer

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PERSONAL STATEMENT

Mechanical engineer with 5 years of experience in new product development and manufacturing of sheet-metal and machined auto components for two-wheeler and tractor OEMs. Skilled in SolidWorks, GD&T, PPAP and PFMEA, with a record of cutting part cost and rejection on high-volume lines in the Chakan belt.

WORK EXPERIENCE

Senior Engineer, New Product Development · Shivtara Components Pvt Ltd, Chakan, Pune — Apr 2022 – Present

- Lead development of 18 new sheet-metal and welded assemblies for two OEM customers, completing PPAP Level 3 submissions on schedule for all parts.
- Saved ₹42 lakh a year by redesigning a fuel-tank bracket from a 4-piece weldment to a 2-piece pressed part without changing fitment.
- Cut in-house rejection on a frame sub-assembly from 2,800 PPM to 650 PPM by fixing weld-fixture locators and adding a poka-yoke.
- Prepare PFMEA, control plans and process flow diagrams and present them in customer APQP reviews.

Graduate Engineer Trainee to Engineer · Vardhaman Precision Engineering, Bhosari, Pune — Jul 2020 – Mar 2022

- Supported a CNC machining cell of 14 machines producing gear blanks and shafts for tractor transmissions.
- Reduced cycle time on a VMC operation by 22% through fixture redesign and tool-path changes with the CAM team.
- Created 120+ 2D manufacturing drawings in AutoCAD with GD&T callouts as per ASME Y14.5.

EDUCATION

B.E. in Mechanical Engineering · Sinhgad Institute of Engineering Studies, Pune — 2016 – 2020
Grade: 7.6 CGPA

SKILLS

SolidWorks · AutoCAD · GD&T · PPAP / APQP · PFMEA · Minitab · SAP PP · Lean manufacturing

CORE SKILLS

- Product development
- Cost reduction
- Root cause analysis
- Supplier coordination
- Customer reviews

CERTIFICATIONS

Certified SOLIDWORKS Associate (CSWA) · Dassault Systèmes — Feb 2021

Six Sigma Green Belt · Internal training programme — Nov 2023

LANGUAGES

English · Professional · Marathi · Native · Hindi · Fluent

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