

Akash R Pawar

B.E Mechanical Engineer

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CAREER OBJECTIVE:

I seek challenging opportunities where I can fully use my skills for the success of the organization and looking for an opportunity in a reputed organization which will help me to deliver my best and upgrade my skills in engineering and meet the demands of the organization.

TOTAL WORK EXPERIENCE: 1.8 Years.

Organization: Tata Technologies LTD. Pune. (Contractual)

Duration: June 2023 to till date.

Designation: Design Engineer.

CAD Software: CATIA V5.

Roles and Responsibility:

- Style feasibility study for tangency continuity, merging distance and draft analysis.
- Creation of Close volume and addition of fixation features.
- Updating Class A Surface or Style of the part and checking clash with environment part.

Organization: Pioneer CAD and Design Solutions Private Limited, Pune.

Duration: January 2023 to June 2023.

Designation: Design Engineer.

CAD Software: CATIA V5.

Projects: Assembly of Door Panel, map pocket, door armrest, bumper facia.

Roles and Responsibility:

- Style feasibility study for tangency continuity, merging distance and draft analysis.
- Creation of parametric main tooling direction.
- Creating complete close volumes with maintaining thickness.
- Creating close volume with master section.
- Draft analysis with respect to main tooling direction and slider direction to remove undercuts.
- Creating parting line from the draft analysis.
- Addition of engineering features like Dog house, ribs, welding cylinder, flanges and impression for the purpose of assembly considering methods to avoid defects like sink mark and warpage.

Organization: Aditi Automation, Pune.

Duration: April 2022 to December 2022.

Designation: Design Engineer.

CAD Software: CATIA V5.

Roles and Responsibility:

- Responsible for design of part models and assemblies in CATIA V5, and drafting of part models.
- Overseeing machining of components as per the requirement.
- Understanding and Implementing customer requirements.

SKILLSET:

- In depth knowledge of CATIA V5 tool.
- Having knowledge on Plastic types, manufacturing processes and defects.
- Having knowledge on fixation features.
- Having knowledge on DFA and DFM.
- Having good knowledge of GD&T symbols and their implementation.
- Having knowledge of Boolean Operation and Remastering.
- Ability to identify concerns and risks also provide proper solutions for design.

PROJECT: Fabrication of RF Controlled Smart Surveillance Vehicle. [Final year project]

The Vehicle used a principle called “Rocker bogie mechanism” which allowed it to be operated in a range of terrain and increased its versatility. It was equipped with a camera which had a 360° and night vision capabilities. The main areas which it was intended to serve was defense and space exploration mission.

INTERSHIP AND CERTIFICATION:

- Completed 1 month internship at Reliance Industries Limited, Jamnagar. Worked as Design intern for designing various mechanical components.
- Completed NPTEL online course on “Sustainability Through Green Manufacturing Systems: An Applied Approach” conducted by IIT Kanpur and scored 68% in examination.

ACADEMIC HISTORY:

Qualification	Institute/ University	Year of completion	Performance
B.E (Mechanical)	PDA College Of Engineering.	2015-2019	7.91 CGPA
12 th STD	Shree Guru Independent PU College.	2013-2015	86.5%

SOFTSKILLS:

- Contentious.
- Critical thinking.
- Leadership ability.
- Teamwork

PERSONAL DETAILS:

Name	Akash Pawar
Date of Birth	09 th October 1997
Gender	Male
Languages Known	English, Hindi, Kannada, Marathi
Current address	Hinjewadi, Pune, 411044

DECLARATION:

I hereby declare that the above-stated information is true to the best of my knowledge.

Date:

Place:

Akash R Pawar