

AJIM ALIM PATEL
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CAREER OBJECTIVE

Seeking for a position of Mechanical Engineer to utilize my skills and abilities in the industry, which will offer me professional growth while being resourceful and innovative. Looking for the opportunity where I can apply my knowledge and thereby help to improve business of the organization.

PROFILE SUMMARY

- BE Mechanical Engineering with 3.7 years of experience in Design & Development (CREO).
- Proficient in CREO 2.0, 3.0, 7.0, 8.0 and well versed in Sketching Entities, Basic Part Features & Patterning Features, Assembly features, Sheet Metal Designs, Surface Base Features and Creating Drawing Views Detailing.
- Possess good knowledge of GD&T as per ASME standard and tooling design it involves welding fixture, process fixture, Final inspection fixtures and manufacturing tools.
- Expertise in PLM/PDM Windchill.
- Possess knowledge of Production Engineering, Manufacturing Science and Engineering drawing with an understanding of different aspects of engineering.
- Profile includes interacting with customer for design inputs, conceptual design, model parts and assemblies using 3D CAD software, detailing with GD&T etc., meeting timely releases, keeping cost targets and quality in mind.
- Capabilities in planning, controlling design & development operations.

ORGANISATIONAL EXPERIENCE

Organization: WHIRLPOOL INDIA PVT. LTD, PUNE (Finite Four)

Duration: July 2023 to Present

Designation: Design Engineer.

Role & Responsibility:

- Product Design & Development- Home Appliances.
- Designing of Aesthetics (Plastic parts) & structural Components, Develop Detailed CAD Solid / Surface modelling for products.
- Identification of new technologies and features, and check for feasibility in existing products.
- Strong Product and Process Design Use of Creo Parametric (Merge inheritance, Configurable product, modules, Part design, Sheet metal Design and drafting).
- Oversaw the sheet metal design installation and evaluation for the automotive after-market department.
- Collaborated with global design team to ensure consistent quality across all regions.
- Strong PLM/PDM Knowledge in Windchill.
- Cost reduction ideas, tooling issue.
- Coordinated with engineering teams.
- Design Failure Mode & Effects Analysis (DFMEA).
- Design for Manufacturing and Assembly (DFMA).
- Leadership.
- Working on CREO 2.0, 3.0, 7.0, 8.0.

Organization: CUMMINS INDIA CENTRE, KOTHRUD-PUNE (Speed Engineering Solutions)

Duration: March 2022 TO April 2023

Designation: Design Engineer.

Role & Responsibility:

- Produce drawings to meet the weekly quota.
- Working on CREO 2.0, 3.0, 7.0, 8.0.
- Design Release in PLM configured with CAD software.
- Design and detailing of Electrolyzer product subsystem
- Analyze and Modify Design as per customer requirement.
- Design Review, drawing quality Drawing checking maintain 100% RFT.
- Piping design - Pipping and Instrumentation Diagrams(P&IDs).
- Work on ECN-CA/CN release the modified Design.
- 3D modeling and Detail manufacturing drawing, GA, Maintenance Drawings.
- Manage and review daily Design task to team member.
- Design of Bracket, frame weldment, spool design.
- Maintaining excel database of scheduled drawings to be exported.

Organization: - GLOBAL TECHNOLOGIES, PVT. LTD. WADGAON-NARHE.

Duration: - September 2020 to March 2022

Designation: - Design and Drafting Engineer.

Role & Responsibility: -

- Responsible for Design modification, 2D drawings and Drafting, BOM creation.
- Working on CREO 2.0, 3.0, 7.0.
- Design of fixtures, SPM and Sheetmetal design of Assembly brackets, Drawing maintain with GD&T.
- Design of Automatic Inspection Machine (SPM)
- Design by using Weldment product guidelines for Structural parts.

IT SKILLS

Computer: MS office, Advance Excel , ERP, Windchill, C Programing.

2D Software: AutoCAD.

CREO 2.0, 5.0, 7.0, 8.0: Part Modeling, Surface Modeling, Sheet Metal, Assembly, Detailing.

SOLIDWORKS: Part Modeling, Assembly and Detailing.

EDUCATION

QUALIFICATION	COLLEGE	UNIVERSITY	PERCENTAGE	PASSING YEAR
M-TECH	TPCT'S COE, Osmanabad	BATU	PERSUING	2024
B.E.	TPCT'S COE, Osmanabad	BAMU	65.1%	2020
HSC	S. B. Jr. College, Osmanabad.	MAHARASHTRA STATE BOARD	65.85%	2016
SSC	R.S.V., Gour	LATUR BOARD	64.20%	2014

PERSONAL DETAILS

Marital Status: Unmarried.

Languages Known: English, Hindi, Marathi.

Permanent Address: Bhosa, Osmanabad, 413525

Date of Birth: 21st May 1998.

Gender: Male

DECLARATION

I hereby declare that the above details are true and correct to the best of my knowledge, I bear the responsibility for the correctness of these particulars.

Date: / /

Place: Pune

Ajim Alim Patel