A. MOHAMED AMEER

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CAREER OBJECTIVE

To seek a challenging position that encourages continuous learning and creativity in applying my skills and efforts for the development of organization by showing utmost excellence in all spheres of my professional life.

TECHNICAL SKILLS:

➢ Experienced in Product Design of Automotive Interior (Hard & Soft)
➢ Product Design knowledge on Automotive Components like Pillar Trims, IP, Center Console. Detailing of 3D Part, Surface, Assembly in CAD - CATIA V5
➢ Project Execution Experience on Team center for Grupo Antolin (Tier -1).
➢ Knowledge on Polymer Manufacturing Processes, GD&T, DFM, DFA.
➢ Work Experience in Parametric & Non- Parametric Modeling
➢ Feasible study of Styling surface (Tooling Direction, Performing Draft Analysis, Parting Line)
➢ Plastic Product Design considerations (Uniform wall thickness maintenance, thickness transition, Coring, Shut-Off angle, Root Thickness, Minimum Draft angle)
➢ Basic knowledge in Gap and Flush, Stack-up Analysis
➢ Ability to create Engineering Features with design considerations.
➢ Knowledge in Power Copy creation

PROJECT SUMMARY:

GROPO ANTOLIN

Projects Name: FORD BX726
Commercial Names: FORD
Client: Grupo Antolin, Spain.
Work Location: Grupo Antolin, HYDERABAD.
Description: Team member in CAD development of CC (For Bev & Ice)

➢ CAD generation of CENTER CONSOLE Assembly components like Side panels, Top finish panel, Handbrake bezel, Cup holder, Armrest, Ice cover, Rear panel, Media bin, Upper carrier Ice, Lower bin bev, Bezel lower, Bezel upper, Front cover
➢ Examined the received styling geometry has any tiny gaps, misalignments, tolerances.
➢ Developed B surface and made closed body by using Input surfaces and Concept sections received from client along with environment data.
➢ Implementation of B-side fixing attachment like Dog Houses & Locators Schemes features in parametric methods.
➢ Manufacturing feasibility check with draft analysis w.r.t Main tooling & Slider direction,
➢ Selection of parting lines.
➢ Design Replacement of components as per the new styling surfaces provided by the customer.
➢ Tool maker changes
➢ Checking the Assembly for Gap & Flushness, Clash etc.
➢ CAD Data Management & Release activities through Team center exchange server with customer.

Projects Name: MERCEDES BENZ-W520
Commercial Names: MERCEDES BENZ
Client: Grupo Antolin, Czech Republic.
Work Location: Grupo Antolin, HYDERABAD.
Description: Team member in CAD development of A,B,C&D PILLAR (concept Phase)

- CAD generation of PILLAR Assembly components Upper Pillar, Lower Pillar, Seat belt cover, Lower Pillar cover, Rear Scuff, C Ramp.
- Creating a proposals
- Examined the received styling geometry has any tiny gaps, misalignments, tolerances
- Developed B surface and made closed body by using Input surfaces and Concept sections received from client along with env data.
- Implementation of B-side fixing attachment like Dog Houses & Locators Schemes features in parametric methods.
- Modification in components with new mounting schemes & Environmental Packaging issues.
- CAD Data Management & Release activities through Team center exchange server with customer.

SOFTWARE TOOLS:

Catia - V5 - Experienced
NX- Basics
Team Center - Experienced

EDUCATION:

Master in hybrid electric vehicle design & Analysis, skill Lync	(2022)
B.E Automobile Engineering, Nehru Institute of Technology, Coimbatore -7.2	(2021)
Grade 12, RCM, Aduthurai Thanjavur(dt)- (74%)	(2017)
Grade 10, RCM, Aduthurai, Thanjavur(dt)- (83%)	(2015)

PERSONAL DETAILS:

Name: Mohamed Ameer
Date of Birth: 04 March 2000
Gender: Male
Marital Status: Un-Married
Nationality: Indian
Languages Known: Tamil, English, Urdu and Hindi