ALLWIN SIRON JOSE. J

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Career Objective:

To pursue a growth-oriented career in an advanced Engineering Technology and Professional position using teamwork, automotive knowledge, and creative thinking to solve problems related to Product Design & Development.

Professional Experience:

Company: Ford Motor Service, Pvt ltd

Project: Vehicle Integration/ Vehicle Block Engineering.

Role: Associate Engineer / VI & DMU SME.

Roles & Responsibilities:

- Creating checklist for new items, based up on inputs in PDL.
- Vehicle Integration/Packaging study will be done for entire vehicle system.
- Conducting reviews with cross functional teams, suppliers and onsite engineers to work on open issues.
- Co-ordinating the vehicle integration and packaging meeting to drive a solution for technical issues.
- Assuring components design is suitable for the manufacturing, serviceability & feasibility.
- If the parts failed to meet the requirements it should be raised to engineering team, suppliers team to modify the part as per the standards to meet the requirements.
- Regular meeting will conducted with CAE & manufacturing team, whenever new cad geometry has been proposed.
- Clash and Clearance study will be done for all type of static and dynamic components.
- Co-ordinating with America, Europe, China, and Australia team for driving the solutions on open items.
- Suggestion & Proposal need to be given for the engineering/supplier/cad team on open issue to solve with in time.
- Coordinate with different commodity leads, to find out issues which stop the development work in component wise.
- Regular meeting will be setup for supplier cad issue, so that on time cad assurance needs to plan each milestone.
- Regular meeting will be conducted with management about the current situation and roadblocks for commodity wise.
- The new parts that are placed in new vehicle architecture need to undergo alignment verification with its surrounding components to understand the parts have any issues in assemble time.
- Alignment verification is completed need to check the static & dynamic virtual verification to find the new part has passed in surrounding parts clearance without any deviation from the required standards.
- The cad which is failed in the above verification need to do pre study analysis before altering the cad design/profile.
- Need to analysis previous program, whether current an issue is existing or not. If the current issues are existing in previous vehicle virtual built need to check the agreement document/report analysis which can go for next step.
- Need to guide the cad engineer regarding the issues and change the cad design based up on the requirements.
- Need to track the issue items, whether it's updated and ok for drawing release.

Company: EASi (Allegis Group) Engineering Services Pvt Ltd.

Client location: Ford Motor Service, Pvt ltd India.

Project: Digital mock-up.

Role: Digital mock-up Engineer.

Roles & Responsibilities:

- Static & dynamic analysis need to check for supplier, Inhouse parts as per the platform & requirement standards.
- Analysis the vehicle components using engineering standard requirement and verify whether it's cleared all surrounding area without any deviation.
- A Digital Prototype Solution that enables users to detect and resolve design issues early in the development process.
- Checking the entire assemblies for collisions between moving/static parts, create and analysis visual instructions, and perform accurate measurements, clearance, and interference checks.

- Parts which are kept in position should be aligned correctly with correct mating parts without any slight deviation.
- Prepare reports on interference issues to review with engineering & supplier team regarding the change in design.
- Parts should undergo the dynamic analysis, whether it affecting the surrounding cad on movement condition.
- Performed clash and clearance (both static and dynamic condition) for entire vehicle like entire engine system, axle, front drive unit, floors, Chassis, Brake system, Fuel system, trims, bumpers, transmission system, upper control arms, lower control arms, stabilizer etc.

Dashboard Deliveries:

- Static and Dynamic analysis is being done for both upper body & under body in DMU study.
- Worked in different vehicles Platform B562/515, CD706/707, D568, V363, P703 and U725 for the entire gate ways.
- Performed checks for multi-Variant programs.
- Worked on B562/515 vehicles for Engine oil pan, PCM cover, IP harness components for the issue opened in last minute.
- Worked on Battery tray, Steering gear linkage & Chassis vacuum for P/U/V platform for running vehicles.

Client location: Ford Motor Service, Pvt ltd India.

Project: Global CO population.

Role: CO & MCI populating engineer.

Roles & Responsibilities:

- Populating carryover cad in vehicle boundary of correct location by using the variants conditions for the vehicles.
- Also required fasteners in respective part attaching areas with the quantity under the E BOM Structure in Team centre.
- Populating the MCI Values for the carryover, new parts and fasteners using the material info received from IMDS team.
- In which these MCI values are used by other team like CAE, for analysis purpose.

Dashboard Deliveries:

- Platform B, C&T carryover parts are being positioned in different commodity like chassis, powertrain, Trims.
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Awards & Recognition:

- Received Kaizen for successfully completing the Unique Control model/Variant for DMU.
- Recognized for supporting the six sigma Green Belt project to optimize DMU analysis.
- Received Asia Pacific Recognition Program Award for initiating the efficiency improvements and best practices in DMU for new parts issues solving with Quality.
- Won GBS award in product development for introducing DRT (Desktop Reference Tool) and Repository for DIF.
- Received participation award in VCSE Innovation for DPA_01 E2ks evidence Logging.
- Received Spot recognition award for completing criteria sheet items for 3 platform vehicles in short period.
- Received Asia Pacific Recognition Program Award for completing critical analysis for front bumper system with short period to give out final tool kick-off.
- Received Asia Pacific Recognition Program Award for Support in meeting BX772 UNV1 Targets for DMU.
- Received Functional Excellence award from client for delivering high priority work within short time with quality.
- Received Functional Excellence award from client for delivering T platform work with quality.
- Received certificate of recognition for top delivery for the first 3 months of 2020.

Academic Career:

QUALIFICATION	INSTITUTION	UNIVERSITY/ BOARD	YEAR OF PASSING	AGGREGATE (%)
M.B.A (HRM)	PULC – Twinning Programme	Pondicherry University	2016	60.57
B.E (Mechanical Engineering)	Jeppiaar Engineering College, Chennai	Anna University	2014	7.07
H.S.C.	St. Sebastian matric higher secondary school	State Board	2010	69.11
10th	St. Sebastian matric higher Secondary School.	Matriculation	2008	73.2

Co-Curricular Activities:

- Undergone on job training in ICF for chassis, bogi, body assembly, engine assembly.
- In plant training taken for Engine faults repairing & analysing and repairing on air brakes in Southern Railways.
- Undergone Engine & Chassis design & development process in Goodwin motors.
- On job training for body and engine assembly in Hyundai motors pvt.ltd plant.
- On job training for inline injection system & electrical system in Bosch.
- Participated in Aero-modelling workshop in Vellammal Engineering College.
- Participated in College to Company Workshop in SSN College.
- Attended workshop on "BIKE DESIGNING AND CUSTOMIZATION" at Amrita School of Engineering, March 2013.
- Had been participated in the member of Indian institute of production of Engineers.
- Attended hands on workshop on "BLUE BOT" at Anna University of Chennai, January 2014.
- Participated in Paper Presentation in Chennai Institute of Technology College.
- Participated in mechanic & mechanist competition.
- Participated in Draft competition.

Technical Skills:

- AUTO-CADD, CATIA V5.
- Teamcenter & Vismockup.
- Team management & Team Developing.

Personal Details:

Name	: J. ALLWIN SIRON JOSE.
Father's Name	: C. JOHN ROSE.
Date of Birth	: 03/11/1992.
Gender	: Male.
Nationality	: Indian.
Languages Known	: Tamil, English.

DECLARATION:

I, **ALLWIN SIRON JOSE. J** do hereby confirm that the information given above is true to the best my knowledge.

PLACE: Chennai (**ALLWIN SIRON JOSE. J**)

DATE: 07-May-2023.