

ABHISHEK BHARDWAJ

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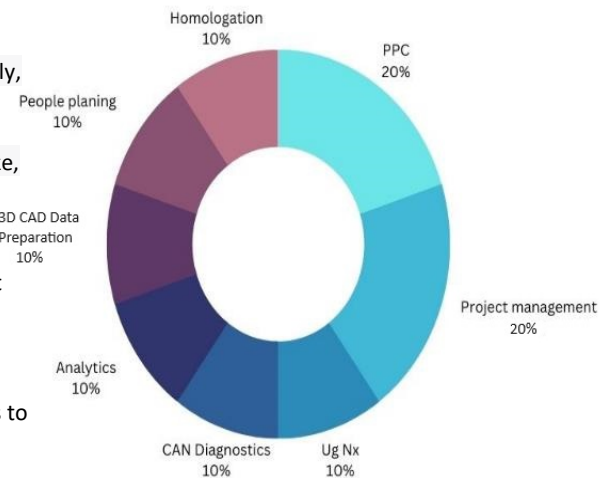
The day I am not able to fly will be a sad day for me.

EXPERIENCE

MAY/1/2022 (CURRENTLY WORKING)

ASISTANT FACTORY MANAGER, 3EV INDUSTRIES PVT.LTD

- Process Design, Improvement and Project management of the big projects e.g., building painting booth with heating rooms, storage shelves, Battery storage area, Vehicle storage area etc.
- Production Planning and Scheduling of 150 vehicles per month
- Quality Control for the welding, painting and mechanical assembly, Product designing for patents.
- Data Analysis and Reporting for the daily production
- Continuous Improvement by implementation of kaizen, poka yoke, Kanban chart.
- Safety and Compliance to make work friendly Environment.
- IATF: 16949 regulations and streamline continuous improvement strategies to implement process improvements related to safety, quality, product, and production.
- Homologation of L5 N and L5 M vehicle.
- INDIGENIZATION OF L5N AND L5M VEHICLES from Chinese CBU's to in-house L5N model for FAME 2 subsidy



MARCH/1/2021 – APRIL/1/2022

TECHNICAL MANAGER, MAHINDRA & MAHINDRA

- Project Planning and Execution
- Team Management and Leadership
- Technical Expertise in CI, SI, EV Powertrain
- Resource Allocation and Budgeting
- Technical Documentation: Maintain accurate and up-to-date technical documentation, including standard operating procedures, process manuals, equipment specifications, and project reports

AUG/20/2019 – JULY/14/2020

ANALYST, ECLERX

- Reviewing the adherence to product demands
- Analyzing and reporting test results
- Interaction with chat support platforms, customer relationship management (CRM) systems, and other relevant tools/software.

FEBRUARY/10/2019 – AUG/15/2019

EXECUTIVE, TECH MAHINDRA

- Conducting customer satisfaction survey to understand the scope of improvement.
- Managing payment and delivery of customer order
- Handling customer concern and complaints

PROJECTS

- In tech fest 2017 held in IIT MANDI won the Junkyard war by making trebuchet (A type of catapult that uses a long arm to throw a projectile) which launch a projectile to about a distance of 40 meters with scrap.
- Designed and fabricated a cold chain cargo box with passive cooling, able to maintain a temperature of -6°C to 0°C for almost 14 hours.
- Responsible for accommodating various changes, such as increasing the chassis height for batteries without SPMS, designing the axle shafts.
- Currently in production, handling the project of building a painting booth in compliance with PCB regulations to reduce cycle time and reach takt time.
- Completion and submission of all ARAI and FAMEII documentation for homologation of electric vehicle.
- 3D CAD Data Preparation and Detailed Design of DC DC charger, Cargo Box, using Catia v5 and UG NX for patent submission and validation
{https://drive.google.com/drive/u/2/folders/1sj_qEV52Ypx2vD9ov1OzGu93vUOCmCg-}
- CAN analysis of controllers of electric vehicle through software.
- CAN Diagnostics of ECU of diesel and gasoline vehicles.
- Training the worker for the assembly of 150 vehicles per month and implementation of 5S & Poka – Yoke.
- FEASIBILITY ANALYSIS OF PRODUCTION LAYOUTS/CONCEPTS Sep 2022 – Oct 2022 |) Determined the impacts of production systems design on its organization goals by optimizing manufacturing strategy. Also, evaluated the production system design by thoroughly understanding the level of automation and the performance indicators (KPI's) used.
- IATF: 16949 REGULATIONS May 2022 – Present | 3ev Industries Pvt Ltd, Bangalore Worked with cross functional teams to fulfill IATF: 16949 regulations and streamline continuous improvement strategies to implement process improvements related to safety, quality, product, and production.
- INDIGENIZATION OF L5N AND L5M VEHICLES Jul 2022 – Present | 3ev Industries Pvt Ltd, Bangalore Pivoted from Chinese CBU's to in-house L5N model for FAME 2 subsidy. Upgraded the L5M category model which is under ARAI CMVR approval.

EDUCATION

AUG 2018

BTECH IN MECHANICAL ENGINEERING, IEC UNIVERSITY

Achieved first division and completed the course with an average cumulative grade point of 6.9.

JUNE 2015

DIPLOMA IN MECHANICAL ENGINEERING, GOVT POLYTECHNIC SUNDER NAGAR

Achieved second division securing a 5.5 cumulative grade point out of 10

CERTIFICATES

MAY 2023

LEAN MANAGEMENT, SIX SIGMA ACADEMY AMSTERDAM (UDEMY)

Learned Toyota Production System, OEE (Overall equipment efficiency), Lean waste, Muda Mura Muri, Value Stream Mapping

MARCH 2023

FMEA, AIGPE (UDEMY)

Learned, specifying the occurrence of failure, quantifying risk and correcting high risk situation, steps and construction of FMEA

FEB 2023

CATIA, CAD/CIM (UDEMY)

Detailed Design, Assembly Drawings, Learned Part modeling, Generative Shape design (surfacing), Sheet metal design, Assembly design, Drafting

AUG 2022

CATIA V5, ROY ACADEMY (UDEMY)

3D CAD Data Preparation, Detailed Design, Learned Sketcher workbench, 3D Wireframe, Surface designing.

JUNE 2021

CNC LATHE PROGRAMMING USING FANUC G-CODING & M CODING, CHRIS PEARCE ACADEMY (UDEMY)

Learned Program layout, Cartesian Coordinate system, Program Handling, Block search, G-Codes, Canned cycles

SKILLS

- Experience in Mahindra CAN diagnostic tools.
- Integrating the electric motor and drivetrain into the vehicle chassis, or designing the layout of the battery pack to optimize weight distribution and handling.
- Homologation documentation of the electric vehicle. Hands on experience on ARAI vehicle certification of two electric vehicles, as well as Fame II documentation of a electric vehicle.
- People planning, managing almost team of 200 people and assigning different task to each team. Have competency in Handling Technical Concern
- I have good knowledge of computer operations executed on Microsoft office / CATIA V5
- CAE physical validation support to bridge the gap between simulation and real-world behavior
- Design from start to implementation (QFD, VOC Analysis, benchmarking, feature analysis.
- ISO 9001:2015, GD/T, SIX SIGMA, KIZEN, LEAN MANAGEMENT, FMEA, DMS, CAN DIGNOSTICS of four-wheeler, POKA YOKE Implementation, Hands on experience in three-wheeler chassis modification and fabrication.
- Reliable knowledge of SAP, ERP software's

ACTIVITIES

Professional arcades and RPG gaming, 8-ball pool and Snooker, Indoor board gaming Chess, foosball, anime, Art and craft, painting, Graphic designing, Animation using blender