

P MADHAN MOHAN

Project Manager- Electric Vehicles

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Experienced Project Manager with 19+ years of in-Depth Experience in Automotive Product Design, Vehicle Integration, Electric Vehicles and Project Management.



Skills

- ◆ Strong background in Program/Project/People Management with outstanding history of managing projects from initial conception through development to implementation. ◆◆◆◆◆ Excellent
- ◆ Comprehensive functional knowledge of Complete Vehicle product life cycle development, Vehicle Architecture system, Vehicle Integration & Packaging. ◆◆◆◆◆ Excellent
- ◆ Proven track record working with tight timelines and fast paced atmosphere. ◆◆◆◆◆ Excellent
- ◆ Pro-E CREO, CATIA V5, NX (Hands on experience of over 15 yrs.) ◆◆◆◆◆ Excellent
- ◆ CAVA (Vision, Manikin, Wiper, Tools, safety and Overall Vehicle Architecture) ◆◆◆◆◆ Excellent
- ◆ PDM, WINDCHILL, TEAM CENTER ◆◆◆◆◆ Excellent
- ◆ Leadership and team building ◆◆◆◆◆ Excellent



Work History

- ◆ **Jan 2022 - Project Manager BEV**
Current TATA CONSULTANY SERVICES, bangalore
 - Leading 3-BEV car programs from TCS, for PSA-Stellantis to be launched in Europe Jan'23
- ◆ Roles and Responsibilities
 - Deliver Projects through initiation, planning, implementation and closure.
 - Leading Customer management, Delivery management and Team management.

Nov 2012 - Manager

Jan 2022

MAHINDRA ELECTRIC (Group of Mahindra & Mahindra) R, Bengaluru

- E-System Vehicle integration lead for BEV last mile L7E category vehicle.
- E-Systems Vehicle Integration lead for a M1 & N1 Category vehicle
- Design lead and Vehicle integration Manager for E20 Vehicle (2/4 doors)
- Design lead for Electric three Wheeler (TREQ, YAARI) accessories and cargo delivery van.

Key Achievements

- Headed vehicle integration team to deliver E-system achieving homologation, crash and ADT requirements
- Accelerated team to deliver Design and development of E-system mechanical parts to meet DFM, DFA, and regulatory standards, which included Battery Systems, Electronic support structures and Electric Drivetrain mount structures
- Established a robust vehicle level DMU, DFMEA, IFMEA, DFS, DFM-A, DVP&R's
- Centralized Vehicle change content, layout finalization, E&MBOM, PLM, and engineering change
- Developed and Improved Robust Vehicle & Subsystem Technical Specifications and established a new process to ensure Vehicle Engineering execution to meet the specifications
- Resolved design bottlenecks for passing Pedestrian Protection test 78/2009 EC for complete plastic bodied car for crash and pedestrian safety simulations and certification
- Headed and delivered on time Design of various interior and exterior aggregates (Hood, firewall, center console etc.)

Jul 2008 -

Nov 2012

Key Accounts Manager and Technical Team Lead

AXIS CADES, bangalore

- Led a team of 15 Engineers at VOLVO 3P, India

Key Achievements

- Delivered Air Intake systems design for VOLVO FH truck 3 weeks before timeline
- Optimized engine cooling fan cable commonisation for 12 engine variants leading to a nominal cost saving per vehicle.
- Trained teams to optimize service delivery in alignment with individual needs to boost customer satisfaction.

Dec 2007 -

Jun 2008

Team Member

Caparo, Chennai

- Pursued learning opportunities to advance knowledge and take on leadership position.
- Contributed to team success by completing jobs quickly and accurately.

Key Achievements

- Designed Hood and Binnacle for **TAFE 45DI** in 8 weeks ahead of scheduled time

Senior Engineer

Jun 2006 - *Pricol Technologies, Coimbatore*

Apr 2007

- Design and development of Storage units for Herman miller for 2 programs.
- Achievements
- Designed and delivered to meet project timeline.
- Adhered to timelines to meet quality assurance targets.

Mar 2004 - **Senior Mechanical Engineer**

May 2006

CADD Center training services, Chennai

- Coached, Inspired and Guided students in CAD tools at colleges.
- Assisted over 50 + drafters in developing structural design of products using drafting tools or computer-assisted design (CAD) or drafting equipment and software.

Jun 2000 - **Mechanical Engineer**

Dec 2003

Thriveni Earthmovers pvt ltd

- Managed over 30 Equipment's- maintenance and planning
- Identified deficiencies in mechanical processes to develop improvements.



Education

Jun 2014 - **M.E: CAD/CAM**

Jun 2016 *Anna University - Dharmapuri, TN*

Jan 1995 - **B.E: Mechanical Engineering**

Mar 2000 *University Visvesvaraya College of Engineering*

Diploma: management - IGNOU Quality Management

IGNOU - Chennai, TN



Additional Information

- Awards and Accolades:
- Recipient of 'Never say No attitude'
- Award for the outstanding individual contribution which significantly impacted the organization. (Mahindra Electric)
- Award for cost cutting ideas, First time right and Future ideas (Mahindra & Mahindra)



Certifications

Jun 2022 Lean six sigma Green belt

Jan 2013 Proficiency in Hybrid Vehicle and Propulsion systems