

# Dileep Pisupati

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📍 Hyderabad, India

🌐 Dileep Pisupati

🔗 Tachorushh

## Profile Summary

With 5+ years of cross-functional experience across manufacturing strategy, battery systems, supply chain consulting, and techno-commercial execution, I turn **complexity into cost savings, product reliability, and faster time-to-market**.

Delivered ₹5.6 Cr annual savings through workforce optimization, cut project costs by 29% via process reengineering, and built ML models improving Li-ion failure prediction accuracy by 18%. My work spans yield improvement, FPY/OEE uplift, and strategic sourcing of defense-grade components through cross-functional execution and outcome-driven planning.

Beyond operations, I lead **Tachorushh**, a mobility strategy initiative that decodes why vehicles **succeed or fail** in India's fragmented EV and ICE markets through **benchmarking, consumer behavior analysis, and product positioning studies**.

**Skills & Competencies:** Operations Strategy, Product Lifecycle Management, Manufacturing Excellence, Supply Chain Optimization, Data Analytics & Visualization, Lean Six Sigma, Project & Program Management, Vendor Development, Market & Consumer Intelligence, Cross-functional Leadership

**Tools & Platforms used:** Excel, Power BI, Python, SQL, Minitab, IBM SPSS, Tecnomatix, SAP MM/PP, PowerPoint, JIRA

## Professional Experience

### Management Consultant - Operations and Supply Chain

09/2024 – 04/2025 | India

Management, Renoir Consulting Group ✉

- **Workforce Optimization:** Achieved ₹5.6 Cr in annual savings by optimizing workforce capacity in a chemical plant using Tecnomatix for manpower utilization analysis and Excel-based dashboards for tracking productivity; reduced manpower by 19% without affecting output.
- **Project Cost Reduction:** Delivered 29% cost savings for a construction firm by reengineering workflows and improving resource allocation, visualized cost-reduction levers using Power BI, enabling better project planning and stakeholder buy-in.
- **Inventory Optimization:** Integrated ERP data with Excel and Python scripts to drive predictive inventory planning; improved supplier adherence and reduced yield loss by 17% across critical SKUs.

### Business Associate, GreyB ✉

03/2024 – 08/2024 | India

- **Strategic Proposal Development:** Converted global clients through strategic IP proposals totaling \$2.65M.
- **Conversion Strategy:** Increased proposal win rate from 69% to 76% by improving proposal structuring and tailoring solutions to client pain points.
- **Stakeholder Management:** Collaborated across operations, legal, and sales to synchronize project scoping, delivery timelines, and cross-functional communication.

### Senior Engineer, Program Management, Lime. Ai ✉

01/2023 – 02/2024 | India

- **Battery Testing & Compliance:** Validated Li-ion battery packs per safety, functional, and environmental standards.
- **Predictive Modelling:** Developed 2 ML-based models predicting cell degradation with 18% better accuracy.
- **Analytics & Dashboards:** Built 5+ dashboards (Power BI + SQL), reducing R&D manual reporting time by 35%.

Graduate Engineer, Manufacturing Operations,  
VEM Technologies

05/2019 – 06/2021 | India

- **Cycle Time Optimization:** Reduced missile casing production cycle by 22% using Lean principles.
- **Yield Improvement:** Achieved 15% gain in production yield by implementing SPC and error-proofing.
- **Labor Productivity:** Enhanced labor efficiency by 30% through motion studies and semi-automation.

Procurement Intern, EcoOrbit Solutions

06/2022 – 08/2022 | India

Scouted and onboarded 7+ suppliers through RFQs and negotiations, ensuring price and quality benchmarks.

Graduate Apprentice, PMG-SAM, Bharat Dynamics Ltd.

03/2018 – 03/2019 | India

- **Supplier Development:** Collaborated in a 3-member team to onboard 6–8 vendors for Akash missile propulsion systems aligning with technical and quality standards.
- **Cross-Functional Planning:** Coordinated with PPC, Quality, Materials, and Production to convert engineering inputs into executable supply chain plans.
- **Strategic Sourcing:** Spearheaded procurement of 5+ high-value purchase orders for Akash-NG missile propulsion systems, maintaining zero downtime by strategically aligning vendor capacity with evolving production demands.

## Education

ME Industrial Engineering(Equiv. to MBA Ops.),  
BITS Pilani, India

2021 – 2023

B Tech, Mechanical Engineering, SRM University, India

2013 – 2017

## Skills

New Product Development & Vendor Enablement

End-to-end NPD execution across engineering, sourcing, and production, driving vendor readiness and mitigating supply chain risks.

Lean Six Sigma

Certified in Green Belt level. Reduced the quality issues in IoT module at Lime.ai and Optimized productivity in Renoir Group

Project Management

Certified in the complete Project Management lifecycle (Waterfall & Agile) by Google

Machine Learning using Python

Applied for prediction models, predictive maintenance, and line balancing. Optimized Supply Chain by analysing large data sets

## Certificates

Project Management Certification by Google

Introduction to Battery Management System by University of Colorado

Global online certification course on Competing in Business through AI-Powered Supply Chains

2022 by NITIE Mumbai

Lean Six Sigma-Green Belt