

Victor Augusto De Oliveira

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PROFESSIONAL SUMMARY

Industrial Engineer and Manufacturing Systems Architect with a proven track record in manufacturing operations, industrial maintenance, and process optimization. I specialize in bridging the gap between shop-floor execution and digital transformation, improving industrial performance through scalable, data-driven solutions. My work encompasses the design and deployment of custom Manufacturing Execution Systems (MES) and automated digital workflows that replace manual processes, enhance traceability, and provide real-time data for strategic decision-making. Throughout my career, I have led initiatives focused on equipment reliability, operational efficiency, and cost reduction, successfully integrating quality management with advanced industrial automation. As a PMP® certified professional, I am continuously focused on applying engineering principles and data analytics to build robust, scalable manufacturing ecosystems. My long-term goal is to drive industrial competitiveness and operational excellence by developing high-impact, technologically advanced solutions for the manufacturing sector.

CORE COMPETENCIES

Manufacturing Operations Management | Industrial Engineering | Project Management (PMP) | Manufacturing Execution Systems (MES) | Lean Six Sigma | Operational Excellence | Cross-functional Team Leadership | Quality Management System (QMS) | Product Lifecycle Management (PLM) | Design for Manufacturability (DFM) | Advanced Product Quality Planning (APQP) | Overall Equipment Effectiveness (OEE) | Industrial Automation | Data-Driven Decision Making | Continuous Improvement

PROFESSIONAL EXPERIENCE

FCM Fábrica de Mancais Curitiba Ltda | Curitiba, PR, Brazil

Industrial Engineering Manager | December, 2021 – Present

- Served as the designated Technical Lead (Responsável Técnico - CREA) for the manufacturing plant, holding full legal and engineering accountability for industrial operations and regulatory compliance.
- Led industrial operations across production, maintenance, quality, and engineering departments, driving operational excellence.
- Structuring and leading the deployment of a comprehensive Manufacturing Execution System (MES) to integrate hardware and optimize shop-floor operational workflows.
- Implemented a strategic quality control station for manufactured items en route to inventory, successfully reducing non-conformities by 25% and significantly improving overall operational efficiency (OEE).
- Spearheaded an energy optimization project, reducing operational costs by 30%.
- Implemented structured maintenance strategies (preventive/corrective), enhancing equipment reliability and minimizing downtime.
- Applied Design for Manufacturability (DFM) principles, ensuring seamless production scaling and eliminating technical risks.
- Integrated data analytics into daily operations to drive real-time, data-driven decision-making.

Production, Quality & Maintenance Coordinator | January, 2021 – December, 2021

- Coordinated cross-functional operations, seamlessly integrating production schedules, quality assurance (QA), and maintenance strategies.
- Bridged the gap between shop-floor execution and strategic management goals, driving operational efficiency across all three departments.

- Prepared the structural and procedural transition for the deployment of an integrated Manufacturing Execution System (MES).

Production, Quality & Maintenance Supervisor | May, 2020 – January, 2021

- Supervised daily operations across production lines, quality control, and industrial maintenance teams.
- Stabilized shop-floor workflow, eliminating recurring production delays and equipment downtime.
- Acted as the primary technical point of contact for complex problem-solving and immediate non-conformance resolution on the shop floor.

Production Leader | January, 2020 – May, 2020

- Led a team of machine operators on the shop floor, ensuring adherence to safety protocols, quality standards, and daily production targets.

V A De Oliveira - Industrial & Process Consulting | Curitiba, PR, Brazil

Founder & Principal Consultant | June, 2024 – Present

- Provide strategic consulting in industrial performance, process optimization, and digital automation.
- Develop and implement custom MES and robust data-driven architectures for the manufacturing sector.
- Focus on delivering scalable, high-ROI solutions that drive operational excellence, traceability, and overall industrial competitiveness.

PMI Paraná Chapter | Remote, Brazil

IT Team Lead (Volunteer) | February, 2026 – Present

- Architected and deployed the IT Service Desk (ITSD) platform, utilizing API integrations and automated workflows to streamline organizational request handling.
- Built a robust, SLA-driven framework, achieving zero-touch manual ticket routing and real-time resolution tracking.
- Leading the IT volunteer team, overseeing digital governance and aligning technological initiatives with the chapter's strategic goals.

IT Team Member (Volunteer) | May, 2025 – February, 2026

- Led the IT infrastructure alignment for Data Privacy Compliance (LGPD), restructuring communication protocols, email groups, and Identity and Access Management (IAM).
- Configured administrative security protocols and console settings to ensure organizational data integrity and regulatory alignment.
- Collaborated on the development and implementation of the IT Quality Policy, establishing standardized governance for internal technical processes.
- Managed stakeholder communication and volunteer alignment to ensure a seamless transition to new data privacy operational workflows.

Leogap Roasters | Curitiba, PR, Brazil

Mechanical Design Intern | November, 2014 – December, 2015

- Designed modular metal structures and mechanical components using 3D CAD modeling.
- Assisted the engineering team in implementing the Siemens PLM system and integrating Bill of Materials (BOM) for mechanical manufacturing projects, ensuring high precision for the manufacturing floor.

CAPES | Curitiba, PR, Brazil

Student Researcher (Internship) | March, 2012 – July, 2015

- Conducted advanced technological research funded by CAPES.
- Applied Computational Fluid Dynamics (CFD) to analyze and optimize fluid flow in aerodynamic profiles.
- Executed scientific research in Powder Metallurgy, developing a deep understanding of materials science and advanced manufacturing techniques.

CoemJr | Curitiba, PR, Brazil

Mechanical Design Intern | August, 2011 – February, 2012

- Executed mechanical design projects and provided engineering consulting services through the university's Junior Enterprise.
- Supported product design, standardization, and process improvement initiatives for external industrial clients.
- Gained early exposure to project management and client-facing engineering solutions.

EDUCATION

USP - Universidade de São Paulo

Master of Business Administration (MBA) - Project Management

- Specialized in advanced project management methodologies, aligning technical engineering background with strategic business execution and resource optimization.

ESIC Business & Marketing School Brasil

Master of Business Administration (MBA) - Leadership & People Management

- Completed an Executive MBA program in partnership with Conquer Business School, focusing on high-performance team leadership, strategic execution, and operational management.
- Achieved academic excellence with top-tier grades (10.0) and 100% attendance across core modules.

UFPR - Universidade Federal do Paraná

Bachelor of Science - Mechanical Engineering

- Authored a final thesis (TCC) focused on applied Computational Fluid Dynamics (CFD), investigating fluid flow behavior over airfoils to develop vortex reduction profiles.
- Awarded a CAPES scholarship for advanced technological research in Powder Metallurgy and CFD.
- Actively engaged in extracurricular leadership, executing real-world engineering consulting projects (CoemJr) and driving STEM education initiatives in public schools.

LICENSES & CERTIFICATIONS

- **Project Management Professional (PMP)®** – Project Management Institute (PMI)®
- **Active Technical License (CREA-SP)** – Regional Council of Engineering and Agronomy
- **Scrum Fundamentals Certified (SFC™)** – SCRUMstudy™
- **Six Sigma Yellow Belt (SSYB™)** – 6sigmastudy™