

# GIANLUCA DI FRANCESCO

Global Manufacturing Project Engineer - Shift Manager

Scrum master (PSM) | Lean Six Sigma Black Belt

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## Summary

Passionate about manufacturing area, management of operations and large-scale projects on multiple plants, constantly looking for stimulating challenges, I have always gone beyond expectations, following two fundamental principles: Ownership and Earn Trust.

My main field of work involves improving automated equipments and assembly lines to increase production capacity through 4.0 process improvements and manage operations in manufacturing and supply chains environment.

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## Experience

### Shift Leader

Philip Morris International

04/22 – Current

Line Manager: Process Support Supervisor

Part of Bay Leadership Team, lead production activities and processes within the shift in the entire bay and the assigned team, inside the Value Stream in a consistent, streamlined and strategically aligned way, so that planned volumes are produced according to budgets and are totally compliant with safety and quality requirements

- Responsible for 8 automated packaging lines and 50 blue collars during my shift, ensuring manufacturing activities, training, people development, job rotations, changeovers management
- Manage bay manning during the shift, in order to ensure balanced capabilities in all lines

### Global Manufacturing Engineering Project Engineer

Electrolux

02/21 – 03/22

Line Manager: Group Manufacturing Engineering Director BA EU, 6 plants in EU

Manage industrialization of new products, automation and innovation projects implementation on technology equipments and assembly lines, to ensure manufacturing feasibility, design automation processes, supporting DFMEA, leading PFMEA.

- Designed new automated equipment on 3 assembly lines, made specifications, lead qualifications, installation and go-live to process both standard packaging and new revolutionary sustainable packaging with zero-time changeover
- Lead new enameling technology project to be applied on EU plants as new standard; up to 250k€+ saving/year
- Designed new 1.8m€ automated equipment for door gluing to increase capacity of the plant

### Shift Manager Delivery Operations

Amazon

07/20 – 01/21

Line Manager: Plant Manager

Responsible for delivery operations, ensuring efficiency of delivery process, compliance with H&S standards, reaching daily and weekly KPIs, leading process improvements to increase efficiency of dispatch operations and reduce costs

- Responsible for 6 Delivery Service Partners and 650+ Drivers; successfully launched first new Delivery Service Program in the plant, defining routes, leading headcount ramp-up to Peak performance reaching highest Delivery KPI (>98% of First Day Delivery Success)
- Working to KPIs, diving deep metrics to find root causes quickly, to drive improvements in the Delivery Station

### Process and Maintenance Engineer

Electrolux

04/19 – 04/20

Research fellowship carried out within the Manufacturing Engineering office in collaboration with University of Bologna. Implementation of a Predictive Maintenance (PdM) system in an automated equipment, improving OEE working on Robots and automation process.

- Designed a PdM system, implemented an acquisition system on equipment and Robots, analyze the major causes of equipment downtime and identify automated solutions to increase OEE with zero-time changeover
- Improving Robots management in the plant: design a new robot monitoring system, evaluation of Robots critical level, modification of Robots maintenance agreement to achieve 50k€+/year cost avoidance)
- Update monthly EU maintenance KPI dashboard and analyze plant maintenance costs

## Education

<b>Leading People and Teams</b> Online Specialization course	<b>Ross School of Business - University of Michigan</b>	2022
<b>Mechanical Engineering – Industrial Automation</b> Master Degree	<b>University of Bologna</b> Final Mark: 110/110 cum Laude	2019

## Certifications

<b>Professional Scrum Master (PSM I)</b>	Scrum.Org	2021
<b>Black Belt Lean Six Sigma</b>	The Council for Six Sigma Certification (CSSC)	2021

## Languages

<b>English</b>	Professional	<b>Italian</b>	Native
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## Softwares

MS Office CMMS	MS Project SAP	ERP	PLM (Teamcenter)	Matlab	CAD2D/3D (Catia)	Knime
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## Skills

Lean Manufacturing Management	Agile / Scrum Analytical Approach	IT, Automation & Coding Ownership	Project Engineering Continuous Learning	Safety Problem Solving	People
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