



Dang, Thi Hoang Yen

WORK EXPERIENCE

Remote Freelance Part-time

LSSI LEARN - Lean Six Sigma Consulting and Training

06.2024 - Now

- Prepare training courses based on ASQ BOK: MTM, Lean Six Sigma Black Belt, Gauge R&R, Statistical Process Control (SPC), Operational Excellence
- Prepare games simulation for Lean concepts.

R&D - Process Optimization Internship

QUANTRON AG - Gersthofen, Germany

01.2024 - 05.2024

Quantron AG is Hydrogen-powered e-mobility for commercial vehicles

Key responsibilities:

- Standardized R&D processes in the Hydrogen automotive industry: Product development process (PDP), Change Management process, and Project Management with Project Leader and cross-function.
- Developed a work package of Quality Gates instructions and templates for product lifecycle development.
- Get involved in Automotive EU standards: Cyber security, Functional Safety & Homologation

Manufacturing Excellence Engineer

COLGATE PALMOLIVE - Vietnam

08.2020 - 03.2023

Key responsibilities:

- Be responsible for implementing 2 new plant-wide Quality Standards, including storage and handling, and documentation, by developing a one-year roadmap, RACI, risk assessment, Gemba walks, one-week Kaizen breakthrough, global and internal audits, DMAIC projects, change control, and non-monetary rewards programs...
- CI Coordinator & Engagement for the Production team, LSS Yellow Belt Trainer.

PERSONAL INFORMATION



Call me /jɛn/



Dutch Residence permit for orientation year until May 2026



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March 1995



Berlin, Germany
(willing to relocate)

EDUCATION

M.Sc. Global Production Engineer

Technische Universität Berlin

2021 - 2024

- GPA: 1.7/1 (Very good)
- DAAD scholarship for thesis: Development of a Framework for Circular Economy of Engineered Wood

BA. Industrial Management

Ho Chi Minh University of Technology

2013 - 2018

- GPA: 7.2/10 (Good)
- Thesis: FMEA implement in emergency department at hospitals



CERTIFICATIONS

- ASQ Lean Six Sigma Black Belt
- Google Project Management
- Google BI, UX/UI
- The best influencer 2022 at Colgate Palmolive - My Phuoc Branch

CORE SKILLS

Language:

- English: C1 Fluent
- Deutsch: DTZ A2 sehr gut erfüllt

Professional tools:

- Problem-solving tools: Lean Tool, PDCA, fish-bone, 5W1H, BPMN
- QMS: ISO 9001, CAPA, RCA, GMP, IQ/PQ/OQ
- Visualization Tools: Tableau/Python
- Technical Tools: WMS SAP modules R3 MM/PM, Siemens Tecnomatix Plant Simulation

- Standardized critical plant processes and work instructions, ensuring consistency in shift changes, quality checks, changeover, maintenance, and production systems.
- Collaborated with task forces to improve shop floor KPIs, addressing OEE, productivity (capital utilization, scrap loss), quality (yield, rework), and safety improvements through actionable plans.
- Delivered comprehensive training in Lean (5S, Visual Workplace, SPC, DOE) and digitization, including RACI, skill matrix, program launches, and assessments to build employee competency.

Key accomplishment:

- FIFO projects: Develop the FIFO function in SAP, optimize the layout and material flow by ABC analysis, and visualize real-time performance to reduce wrong transactions from 38% to 3%, batch changing, and Quality compliance..
- Optimization projects: Improve 9% cycle time (from 16.5s to 15s) for 50 Injection molding machines by statistic (Gauge R&R, histogram, SPC), and develop SOP to control parameters and cycle time.

Warehouse Specialist

COLGATE PALMOLIVE - Vietnam

02.2019 - 07.2020

Key responsibilities:

- Ensure WMS: SAP master data, Warehouse Management System (WMS) process (inbound, outbound, transactions, invoice), FIFO practice, GMP techniques, and new systems to ensure daily performance and drive CI.
- Use GMP techniques, to ensure proper and safe storage/handling/ yard/ consumption of all materials and finished goods, and directly salvage or dispose of damaged goods or used materials.
- Ensure KPIs and dashboard reports: fulfillment rate, shipment, resource, headcount balance, safety, quality...
- Oversees periodic physical inventory counts, and budget loss allowances, in conjunction with Finance. Is accountable for inventory shortages.

Key accomplishment:

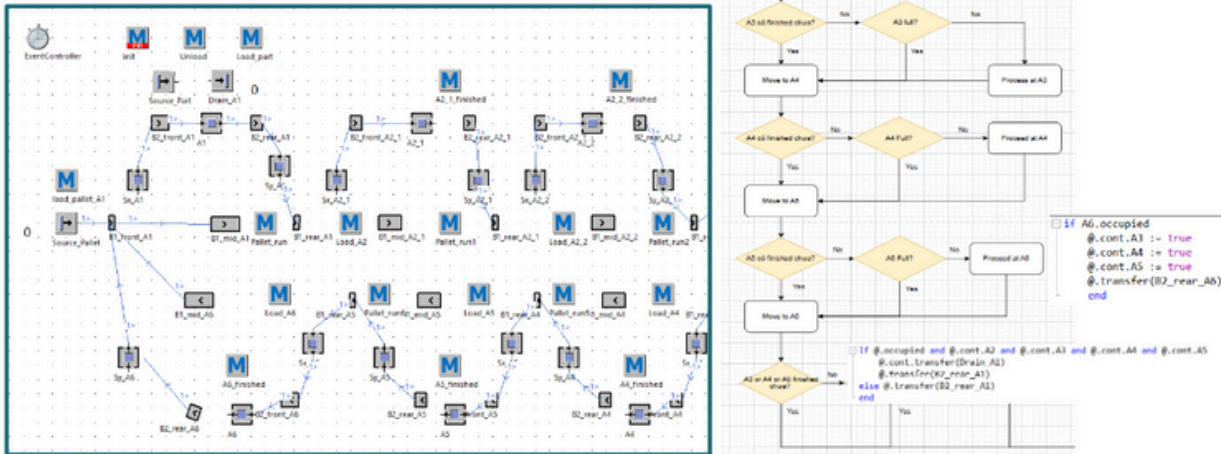
- Digitalization Inbound Project: Optimized 50% of wasted time for suppliers' drivers and shopfloor maintenance activities by digitalized goods receive processes and real-time dashboard control.

MY PORTFOLIO

from Working Experience & Group research in Master's Degree

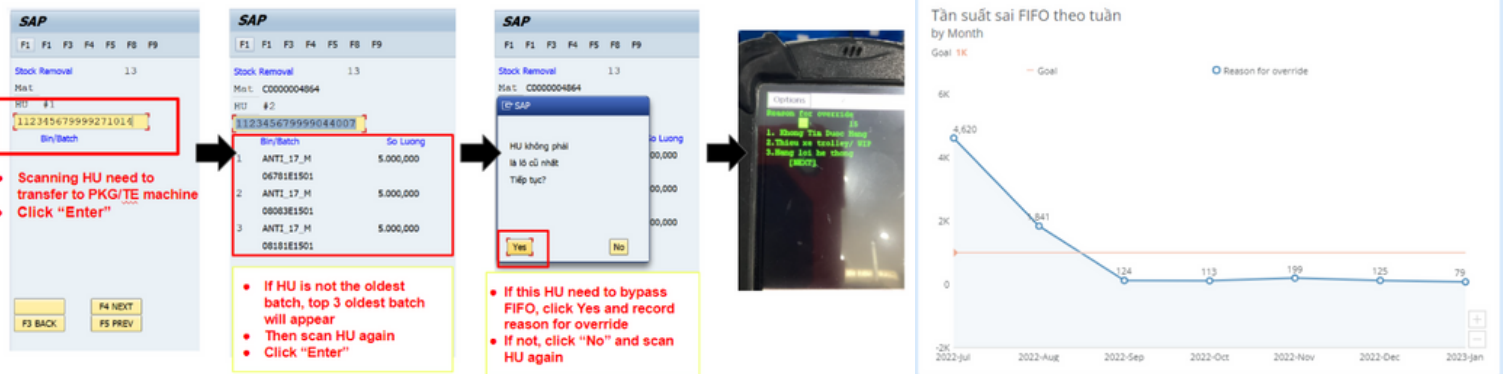
ASSEMBLY WORK SIMULATION - SIEMENS TECNOMATIX PLANT SIMULATION

In a group research, four students code the assembly process, simulate it, report their findings, and validate the final product using Siemens Tecnomatix Plant Simulation. My responsibilities are to validate the system between theory and calculation of output and takttime.



FIFO PROJECTS & DASHBOARD CONTROL

As a project leader for a Continuous improvement project, I coordinated with the SAP team and area leader to create new functions for real-time tracking FIFO practice on the floor instead of paperwork bi-weekly and optimized the material flow with the DMAIC method, ABC analysis, and quarterly prediction.



LEAN & DIGITALIZATION TRAINING PROGRAM

At Colgate Palmolive and PNJ, I created a program to train Area leaders and operators to understand the theory of LEAN and digitalization and practical application in production lines through game simulation. Assessment before and after the training is conducted and collected to assess their skill and prove the efficiency of training through Production KPI (OEE, Standard score...).

