



RIZKI NURUL ARSY, S.T.

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PROFILE SUMMARY

Industrial Engineering graduate from **Universitas Brawijaya (GPA: 3.55/4.00)** and **Certified Production Planning and Inventory Control Manager (CPPICM)** from **LSP Teknik Manajemen Industri**, with 5 years of experience in **Export Production Planning & Inventory Control (PPIC)** at **PT Yamaha Indonesia Motor Mfg.** Skilled in creating **adaptable production plans aligned with market demand**, controlling **inventory levels**, and managing **export shipment schedules**. Specialized in **export packing operations (parts & unit assembly)**. Proven ability to **coordinate cross functional teams and drive operational excellence** through cost reduction, productivity improvement/[p, abnormality control, and RPA implementation. Strong proficiency in **Microsoft Excel, Power Apps, Power Automate, and Python**.

PROFESSIONAL SKILLS

SOFTSKILLS

- Strong Leadership
- Negotiation Skill
- Attention to Detail
- Computer Literacy
- Innovative
- Communication Skill
- Planning, and Organizing Skill
- Problem Solving
- Analytical Thinking
- Proactive

HARDSKILLS

- Software
 - Microsoft Office Excel, Microsoft Office Word, Microsoft Power Apps, Microsoft Power Automate, Microsoft Sharepoint List, Microsoft Visio, Microsoft Outlook (IT SCORE: **91,11** licensed by **Trust Training Partners**)
 - Python
- Language
 - Indonesia (Native)
 - English : Professional Working Proficiency (TOEFL ITP SCORE: **503, ETS**)

WORK EXPERIENCE

PRODUCTION PLANNING AND INVENTORY CONTROL – PT YAMAHA INDONESIA MOTOR MFG | Sept 2021 - Present

- Forecast mid-term (3 years) and short-term (1 year) production capacity for Engine Assembly, CKD Parts, and CBU Exports.
- Develop and arrange daily production plans, ensuring alignment with capacity and shipment requirements.
- Prepare and present reports on production performance, material usage, problems, and deviations from plan.
- Control operational working hours and sequence production schedules to maximize efficiency.
- Manage pre-process stock levels at optimal inventory levels to reduce inventory costs.
- Coordinate with the Purchasing department to ensure timely availability of parts.
- Supervise the export packing team in managing daily shipment delivery schedules to customers.
- Plan and control inter-factory deliveries to maximize truck utilization and ensure material availability.
- Coordinate cross functional teams in manufacturing to establish efficient production schedules and prevent operational issues.
- Analyze opportunities to accelerate productivity and address bottlenecks to improve overall production efficiency.
- Lead cross functional coordination among production engineers, packing, and logistics teams to execute improvement initiatives.
- Support new model introduction through pilot planning, material readiness, and production schedule coordination.
- Provide end-to-end production traceability to support QA and QE in quality investigations and data-driven decision making.
- Communicate with Yamaha Group teams across multiple countries to understand and align with customer needs.
- Implement data driven monitoring systems to support managerial decision making.
- Drive automation through Robotic Process Automation (RPA) to eliminate repetitive tasks.
- Contribute to the implementation and compliance of ISO 9001, ISO 14001, ISO 45001 in the department.

Impact:

- Developed a six month capacity simulation to optimize manpower allocation between two engine assembly lines using the Watari Seisan concept, enabling data driven production planning and generating annual cost savings of approximately IDR 14.9 Billion.
- Increased production flexibility by transforming 53 fixed model lines into 5 flexible lines capable of handling all 53 models.
- Reduced shipment lead time from 1.5 days to 1.1 days, improving finished goods stock management.
- Implemented a Just-in-Time (JIT) strategy by increasing delivery frequency, reducing pre-process inventory from 12 hours to 5 hours.
- Identified planning gaps in export scheduling and optimized production plans around Open CY windows, achieving 100% on-time export shipment delivery.
- Implemented RPA, eliminating repetitive tasks, saving 27,000+ sheets of paper, and reducing 135 kg CO₂e emissions over two years.

PROJECT ADMINISTRATOR – MASYARAKAT METROLOGI INDONESIA | June – July 2021

- Created general reports on webinar and training activities
- Designed the webinar and training certificate
- Handled customer communication regarding requirements

Impact: Composed webinar series with more than 500 participants

BUSINESS DEVELOPMENT OFFICER – FARDIAZ CATERING | December 2018 - March 2020

- Created the marketing strategy for the business
- Negotiated with the customer

Impact: Improved the product sales by more than 1000% in a month

STUDENT ASSISTANT – DOKTOR MENGABDI | August - December 2018

- Compiled the proposal and the report for the entire program
- Designed the mini micro hydro concept and facility for the Sumber Wendit Lanang with the 3D Sketchup Application
- Communicated with the local communities and organized the socialization of community service

Impact: Developed new support facility at Sumber Wendit Lanang

ORGANIZATIONAL EXPERIENCE

• CO-FOUNDER AND CHIEF EXECUTIVE OFFICER - KOMUNITAS TANAM PAHALA | April 2017 - April 2021

Initiated the Komunitas Tanam Pahala and directed 18 staff members for the working areas at Malang and Semarang.

Achievement: Gave an impact to the society with already held 20 social programs, had 10 business collaborations, connected with 7 formal and social organizations.

ACCOMPLISHMENT

- **5TH PLACE IN THE YAMAHA ROBOTIC PROCESS AUTOMATION CHAMPIONSHIP | 2024**
- **SILVER AWARD - INTERNATIONAL STUDENT AFFAIRS INVENTION, INNOVATION, AND DESIGN COMPETITION (I-SAIID) UNIVERSITI TEKNOLOGI MARA, MALAYSIA | 2019**
- **SILVER MEDAL - THE 2019 INVENTORS HALL OF FAME INTERNATIONAL COMPETITION OF IDEAS, INVENTIONS, AND INNOVATIONS (I-FAME 2019) UNIVERSITI TEKNOLOGI MARA, MALAYSIA | 2019**
- **THIRD PLACE – NATIONAL ISLAMIC PAPER COMPETITION (AUTUMN-UMY) | 2019**

CERTIFICATION

- **PRODUCTION PLANNING AND INVENTORY CONTROL MANAGER CERTIFICATION (CPPICM) HELD BY LSP TEKNIK MANAJEMEN INDUSTRI (LSP – TMI) | Jul 2026**
Professional certification in production capacity planning, material requirement planning, production control, continuous improvement, problem solving techniques, occupational safety, health & environmental (K3LL), and professional engineering ethics.
- **LEAN SIX SIGMA WHITE BELT (LSSWB) HELD BY COUNCIL FOR SIX SIGMA CERTIFICATION (CSSC) | July 2021**
Learned about the SIX SIGMA, Value Stream, JIDOKA, Lean Process Management, Total Quality Management (TQM), Business Process Reengineering (BPR), Rummler – Brache, Scrum, The Customer Experience Management Methode (CEM), JumpStart.

TRAINING EXPERIENCE

- **MICROSOFT POWER APPS FOR END USERS HELD BY METRODATA ACADEMY | November 2025**
- **ROBOTIC PROCESS AUTOMATION (RPA) HELD BY PT. YAMAHA INDONESIA MOTOR MFG | May 2023**
- **BASIC INDUSTRIEL ENGINEERING (IE) HELD BY PT. YAMAHA INDONESIA MOTOR MFG | November 2021**
- **PROCUREMENT AND LOGISTICS HELD BY DISASTER READY | August 2021**
- **ISO 9001, 14001, 45001, 31000, 22000, HACCP, FSSC, GMP HELD BY PT NARADA KATIGA INDONESIA | August 2021**
- **PROCUREMENT IN THE PROJECT MANAGEMENT HELD BY PERSATUAN INSINYUR INDONESIA (PII) | July 2021**
- **LEAN SIX SIGMA YELLOW BELT (LSSYB) COURSE HELD BY PRODEMY (LICENSED BY CSSC) | July 2021**
- **LEAN MANAGEMENT CERTIFICATION COURSE (BKO ACCREDITED) HELD BY UDEMY & SIX SIGMA ACADEMY AMSTERDAM | June 2021**
- **PROCESSING AND ANALYZING DATA USING MICROSOFT EXCEL HELD BY SKILLACADEMY BY RUANGGURU | June 2021**

EDUCATION

Industrial Engineering - Universitas Brawijaya | **GPA 3.55 out of 4.00** | August 2016 - January 2021
