



TRẦN THU HUYỀN (Marcus Tran)

PRODUCTION & QUALITY MANAGEMENT SPECIALIST

KAIZEN • 5S • PROCESS IMPROVEMENT • IT APPLICATION

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CORE COMPETENCIES

- Production management & supervision
- Quality control
- Kaizen, 5S & waste reduction
- Training process standardization
- Production data & performance monitoring
- Operational issue handling
- Work coordination & teamwork
- Technical training & communication

TECHNOLOGY SKILLS

- Advanced Microsoft Office (Basic VBA for task automation and data processing)
- Advanced Google Workspace
- Generative AI for training
- Java, Spring Boot, SQL
- Internal management tools

EDUCATION

COLLEGE DIPLOMA – SOFTWARE DEVELOPMENT

FPT Polytechnic Hai Phong
09/2023 – 09/2026
GPA: 3.9/4.0

ACHIEVEMENTS

- Golden Bee Award – Spring 2026
Top 1, FPT Polytechnic Hai Phong
- Excellent Student – All Semesters
- Champion, English QuizBee 2024
- Gemini Certified Educator

PROFESSIONAL SUMMARY

Nearly seven years at Toyota Boshoku Hai Phong, with strengths in production management, quality control, workforce training, and Kaizen-5S. Combines shop-floor experience with Java, data, and technology to standardize processes, automate tasks, and improve efficiency.

7 YEARS IN
MANUFACTURING

KAIZEN & 5S

DATA & DIGITALIZATION

KEY EXPERIENCE

TOYOTA BOSHOKU HAI PHONG CO., LTD.

PRODUCTION & QUALITY MANAGEMENT

12/2016 – 09/2023

- **TRAINING STANDARDIZATION:** Developed work instructions and reduced new-hire onboarding time by 35%.
- **KAIZEN – WASTE REDUCTION:** Implemented improvements that reduced operational waste by approximately 30%.
- **QUALITY CONTROL:** Monitored production data and maintained the critical defect rate below 1%.
- **ISSUE RESOLUTION:** Monitored equipment and coordinated corrective actions, contributing to a 50% reduction in incidents.
- **OPERATIONAL DISCIPLINE:** Complied with Japanese manufacturing standards, safety requirements, 5S, and quality procedures.

KEY RESULTS

35%

Training time
reduction

30%

Operational waste
reduction

<1%

Critical defect
rate

50%

Equipment
incident
reduction

CAREER OBJECTIVE

To combine manufacturing experience, a Kaizen mindset, and IT capabilities to improve quality control, reduce waste, and digitalize operational processes.

TRAINING EXPERIENCE

TECHNOLOGY INSTRUCTOR & FREELANCE DEVELOPER

ROBOCON • PROGRAMMING • OFFICE PRODUCTIVITY • AI PRESENT

- Teach Robocon, programming, and office productivity applications at a training center.
- Proficient in Microsoft Office and Google Workspace; guide learners in applying these tools to real-world work.
- Use AI to develop lessons, exercises, and personalized content while delivering custom software and website projects for clients.

IT APPLICATIONS IN OPERATIONS

INTERNAL TASK MANAGEMENT APPLICATION

Spring Boot 4 • JPA/Hibernate • SQLite • Thymeleaf/AJAX

- Built a Commander/Soldier role-based task system for LAN operations.
- Digitized task assignment/recall, acknowledgement, completion and deadline alerts.
- Implemented an AJAX-polling realtime radar and on-premise SQLite deployment.

INTERNAL COMPUTER SECURITY APPLICATION

Java 21 • Swing • WMI/CMD • Windows Firewall

- Monitored new drives and WPD mobile devices through polling and WMI.
- Automated outbound blocking, user alerts and a 15-second shutdown response.
- Built the dashboard, realtime logs and admin-controlled system recovery.

Deployment client: Hong Bang Ward Military Command, Hai Phong City.

GRADUATION PROJECT

MARCUS STORE | ENTERPRISE E-COMMERCE PLATFORM

DATN 2026

ROLE: Team Leader • Originated solution • Designed architecture/Git-PR workflow • Reviewed code • Owned reliability & integrations

PRODUCT OVERVIEW

Multi-module electronics platform spanning SKU/IMEI catalog, promotions, checkout/orders, payment/shipping, after-sales, CMS/Admin, realtime and AI.

TECH STACK

Java 21 • Spring Boot 3.2 • Security/JWT/OAuth2 • JPA • SQL Server • JUnit 5 • Vue 3 • Pinia • WebSocket/STOMP

SCOPE: Checkout reliability • VNPAY/GHN • Order lifecycle • Realtime • Financial/AI analytics

TECH HIGHLIGHTS

Architecture & Security: Layered backend, separate Client/Admin SPAs, JWT/OAuth2 and permission-level RBAC.
Commerce Reliability: Idempotent checkout, state guards, async order creation, safe cancellation/resource rollback and auto-completion.
Integrations: VNPAY checksum-callback/IPN-refund/expiry; GHN create-webhook-polling/retry; WebSocket notifications/Live Chat.
Data, AI & Quality: SKU/IMEI-warranty/returns; reconciliation/KPIs; Gemini Advisor structured output, usage tracking and automated tests.